

Lenovo ideapad

S130-11IGM

S130-14IGM

130S-11IGM

130S-14IGM

Hardware

Maintenance

Manual

Lenovo[™]

Note:

- Before using this information and the product it supports, be sure to read the general information under “Notices” on page 117.

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Contents

About this manual	iv	1030 PCI Express Mini Card for wireless LAN.....	41
Safety information	1	1040 Speakers	44
General safety	2	1050 SSD card (on select models).....	46
Electrical safety	3	1060 Hard disk drive (on select models)	48
Safety inspection guide	5	1070 IO board.....	50
Handling devices that are sensitive to electrostatic discharge.....	6	1080 RT battery	53
Grounding requirements.....	6	1090 System board	54
Safety notices: multilingual translations.....	7	1100 Upper case.....	57
Laser compliance statement.....	14	1110 LCD unit	61
Important service information	16	1120 Wi-Fi antenna module.....	64
Strategy for replacing FRUs	16	1130 LCD hinges, MIC board and integrated camera.....	65
Strategy for replacing a hard disk drive	17	Lenovo ideapad S130-14IGM/ideapad 130S-14IGM	
Important notice for replacing a system board	17	1010 Base cover.....	68
Important information about replacing RoHS compliant FRUs	18	1020 PCI Express Mini Card for wireless LAN.....	72
General checkout	19	1030 Speakers	74
What to do first	20	1040 Battery pack.....	75
Power system checkout.....	21	1050 SSD card	78
Checking the AC adapter	21	1060 IO board.....	79
Checking operational charging	21	1070 RT battery	81
Checking the battery pack	22	1080 System board	82
Related service information	23	1090 Upper case.....	84
Restoring the factory contents by using Push-button reset	23	1100 LCD unit	86
Restore of factory default	23	1110 Wi-Fi antenna module.....	89
Passwords	24	1120 LCD hinges, MIC board and integrated camera	90
Power-on password	24	Locations	94
Hard-disk password	24	Front view and right-side view	94
Administrator password	24	Bottom and Left-side view	95
Power management	25	Parts list	96
Putting the computer to sleep or shutting it down	25	Overall	97
Putting your computer to sleep.....	25	LCD FRUs	111
Shutting down the computer	26	Miscellaneous parts	115
Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ideapad 130S-11IGM/ideapad 130S-14IGM	27	AC adapters.....	115
Specifications	27	Screws.....	116
Status indicators	29	Notices	117
Hotkeys.....	30	Trademarks	118
FRU replacement notices	31		
Screw notices	31		
Removing and replacing an FRU	32		
Lenovo ideapad S130-11IGM/ideapad 130S-11IGM			
1010 Base cover.....	33		
1020 Battery pack.....	37		

About this manual

This manual contains service and reference information for the following Lenovo product:

Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ideapad 130S-11IGM/ideapad 130S-14IGM

The illustrations used in this manual are for **Lenovo ideapad S130-14IGM** unless otherwise stated.

Use this manual to troubleshoot problems.

The manual is divided into the following sections:

- The common sections provide general information, guidelines, and safety information required for servicing computers.
- The product-specific section includes service, reference, and product-specific parts information.

Important:

This manual is intended only for trained servicers who are familiar with Lenovo products. Use this manual to troubleshoot problems effectively.

Before servicing a Lenovo product, make sure to read all the information under “Safety information” on page 1 and “Important service information” on page 16.

Safety information

This chapter presents the following safety information that you need to get familiar with before you service a Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ideapad 130S-11IGM/ideapad 130S-14IGM computer:

- “General safety” on page 2
- “Electrical safety” on page 3
- “Safety inspection guide” on page 5
- “Handling devices that are sensitive to electrostatic discharge” on page 6
- “Grounding requirements” on page 6
- “Safety notices: multilingual translations” on page 7
- “Laser compliance statement” on page 14

General safety

Follow these rules below to ensure general safety:

- Observe a good housekeeping in the area where the machines are put during and after the maintenance.
- When lifting any heavy object:
 1. Make sure that you can stand safely without slipping.
 2. Distribute the weight of the object equally between your feet.
 3. Use a slow lifting force. Never move suddenly or twist when you attempt to lift it.
 4. Lift it by standing or pushing up with your leg muscles; this action could avoid the strain from the muscles in your back. Do not attempt to lift any object that weighs more than 16 kg (35 lb) or that you think is too heavy for you.
- Do not perform any action that causes hazards to the customer, or that makes the machine unsafe.
- Before you start the machine, make sure that other service representatives and the customer are not in a hazardous position.
- Please remove covers and other parts in a safe place, away from all personnel, while you are servicing the machine.
- Keep your toolcase away from walk areas so that other people will not trip over it.
- Do not wear loose clothing that can be trapped in the moving parts of the machine. Make sure that your sleeves are fastened or rolled up above your elbows. If your hair is long, fasten it.
- Insert the ends of your necktie or scarf inside clothing or fasten it with the nonconductive clip, about 8 centimeters (3 inches) from the end.
- Do not wear jewelry, chains, metal-frame eyeglasses, or metal fasteners for your clothing.

Attention: Metal objects are good electrical conductors.
- Wear safety glasses when you are hammering, drilling, soldering, cutting wire, attaching springs, using solvents, or working in any other conditions that may be hazardous to your eyes.
- After service, reinstall all safety shields, guards, labels, and ground wires. Replace any safety device that is worn or defective.
- Reinstall all covers correctly before returning the machine to the customer.
- Fan louvers on the machine help to prevent the overheating of internal components. Do not obstruct fan louvers or cover them with labels or stickers.

Electrical safety

Observe the following rules when working on electrical equipments.

Important:

Use only approved tools and test equipments. Some hand tools have handles covered with a soft material that does not insulate you when working with live electrical currents.

Many customers have rubber floor mats near their machines that contain small conductive fibers to decrease electrostatic discharges. Do not use such kind of mat to protect yourself from electrical shock.

- Find the room emergency power-off (EPO) switch, disconnecting switch or electrical outlet. If an electrical accident occurs, you can then operate the switch or unplug the power cord quickly.
- Do not work alone under hazardous conditions or near the equipment that has hazardous voltages.
- Disconnect all power before:
 - Performing a mechanical inspection
 - Working near power supplies
 - Removing or installing main units
- Before you start to work on the machine, unplug the power cord. If you cannot unplug it, ask the customer to power-off the wall box that supplies power to the machine, and to lock the wall box in the off position.
- If you need to work on a machine that has exposed electrical circuits, observe the following precautions:
 - Ensure that another person, familiar with the power-off controls, is near you.

Attention: Another person must be there to switch off the power, if necessary.
 - Use only one hand when working with powered-on electrical equipment; keep the other hand in your pocket or behind your back.

Attention: An electrical shock can occur only when there is a complete circuit. By observing the above rule, you may prevent a current from passing through your body.
 - When using testers, set the controls correctly and use the approved probe leads and accessories for that tester.
 - Stand on suitable rubber mats (obtained locally, if necessary) to insulate you from grounds such as metal floor strips and machine frames.

Observe the special safety precautions when you work with very high voltages; instructions for these precautions are in the safety sections of maintenance information. Be extremely careful when you measure the high voltages.

- Regularly inspect and maintain your electrical hand tools for safe operational condition.
- Do not use worn or broken tools and testers.
- Never assume that power has been disconnected from a circuit. First, check it to make sure that it has been powered off.

- Always look carefully for possible hazards in your work area. Examples of these hazards are moist floors, nongrounded power extension cables, power surges, and missing safety grounds.
- Do not touch live electrical circuits with the reflective surface of a plastic dental mirror. The surface is conductive; such touching can cause personal injury and machine damage.
- Do not service the following parts with the power on when they are removed from their normal operating places in a machine:
 - Power supply units
 - Pumps
 - Blowers and fans
 - Motor generatorsand similar units. (This practice ensures correct grounding of the units.)
- If an electrical accident occurs:
 - Caution: do not become a victim yourself.
 - Switch off the power.
 - Send the victim to get medical aid.

Safety inspection guide

The purpose of this inspection guide is to assist you in identifying potential unsafe conditions. As each machine was designed and built, required safety items were installed to protect users and service personnel from injury. This guide addresses only those items. You should use good judgment to identify potential safety hazards according to the attachment of non-Lenovo features or options not covered by this inspection guide.

If any unsafe conditions are present, you must determine how serious the apparent hazard could be and whether you can continue without first correcting the problem.

Consider these conditions and the safety hazards they present:

- Electrical hazards, especially primary power (primary voltage on the frame can cause serious or fatal electrical shock)
- Explosive hazards, such as a damaged CRT face or a bulging capacitor
- Mechanical hazards, such as loose or missing hardware

To determine whether there are any potential unsafe conditions, use the following checklist at the beginning of every service task. Begin the checks with the power off, and the power cord disconnected.

Checklist:

1. Check exterior covers for damage (loose, broken, or sharp edges).
2. Turn off the computer. Disconnect the power cord.
3. Check the power cord for:
 - a. A third-wire ground connector in good condition. Use a meter to measure third-wire ground continuity for 0.1 ohm or less between the external ground pin and the frame ground.
 - b. The power cord should be the type specified in the parts list.
 - c. Insulation must not be frayed or worn.
4. Check for cracked or bulging batteries.
5. Remove the cover.
6. Check for any obvious non-Lenovo alterations. Use good judgment as to the safety of any non-Lenovo alterations.
7. Check inside the unit for any obvious unsafe conditions, such as metal filings, contamination, water or other liquids, or signs of fire or smoke damage.
8. Check for worn, frayed, or pinched cables.
9. Check that the power-supply cover fasteners (screws or rivets) have not been removed or tampered with.

Handling devices that are sensitive to electrostatic discharge

Any computer part containing transistors or integrated circuits (ICs) should be considered sensitive to electrostatic discharge (ESD). ESD damage can occur when there is a difference in charge between objects. Protect against ESD damage by equalizing the charge so that the machine, the part, the work mat, and the person handling the part are all at the same charge.

Notes:

1. Use product-specific ESD procedures when they exceed the requirements noted here.
2. Make sure that the ESD protective devices you use have been certified (ISO 9000) as fully effective.

When handling ESD-sensitive parts:

- Keep the parts in protective packages until they are inserted into the product.
- Avoid contact with other people.
- Wear a grounded wrist strap against your skin to eliminate static on your body.
- Prevent the part from touching your clothing. Most clothing is insulative and retains a charge even when you are wearing a wrist strap.
- Use the black side of a grounded work mat to provide a static-free work surface. The mat is especially useful when handling ESD-sensitive devices.
- Select a grounding system, such as those listed below, to provide protection that meets the specific service requirement.

Note:

The use of a grounding system to guard against ESD damage is desirable but not necessary.

- Attach the ESD ground clip to any frame ground, ground braid, or green-wire ground.
- When working on a double-insulated or battery-operated system, use an ESD common ground or reference point. You can use coax or connector-outside shells on these systems.
- Use the round ground prong of the ac plug on ac-operated computers.

Grounding requirements

Electrical grounding of the computer is required for operator safety and correct system function. Proper grounding of the electrical outlet can be verified by a certified electrician.

Safety notices: multilingual translations

The safety notices in this section are provided in English, French, German, Hebrew, Italian, Japanese, and Spanish.

Safety notice 1

Before the computer is powered on after FRU replacement, make sure all screws, springs, and other small parts are in place and are not left loose inside the computer. Verify this by shaking the computer and listening for rattling sounds. Metallic parts or metal flakes can cause electrical shorts.

Avant de remettre l'ordinateur sous tension après remplacement d'une unité en clientèle, vérifiez que tous les ressorts, vis et autres pièces sont bien en place et bien fixées. Pour ce faire, secouez l'unité et assurez-vous qu'aucun bruit suspect ne se produit. Des pièces métalliques ou des copeaux de métal pourraient causer un court-circuit.

Bevor nach einem FRU-Austausch der Computer wieder angeschlossen wird, muß sichergestellt werden, daß keine Schrauben, Federn oder andere Kleinteile fehlen oder im Gehäuse vergessen wurden. Der Computer muß geschüttelt und auf Klappergeräusche geprüft werden. Metallteile oder-splitter können Kurzschlüsse erzeugen.

לפני הפעלת המחשב לאחר החלפת FRU יש לוודא שכל הברגים, הקפיצים, וחלקים קטנים אחרים נמצאים במקומם ואינם חופשיים לזוז בתוך המחשב. כדי לוודא זאת, יש לטלטל את המחשב ולהקשיב לגילוי קולות שקשוק. חלקי או שבבי מתכת עלולים לגרום לקצרים חשמליים.

Prima di accendere l'elaboratore dopo che é stata effettuata la sostituzione di una FRU, accertarsi che tutte le viti, le molle e tutte le altri parti di piccole dimensioni siano nella corretta posizione e non siano sparse all'interno dell'elaboratore. Verificare ciò scuotendo l'elaboratore e prestando attenzione ad eventuali rumori; eventuali parti o pezzetti metallici possono provocare cortocircuiti pericolosi.

FRUの交換後、コンピュータの電源を入れる前に、ねじ、バネ、その他の小さな部品がすべて正しい位置にあり、またコンピュータの内部で緩んでいないことを確認してください。これを確認するには、コンピュータを振って、カチャカチャと音がしないか確かめます。金属部品や金属破片はショートの原因になることがあります。

Antes de encender el sistema despues de sustituir una FRU, compruebe que todos los tornillos, muelles y demás piezas pequeñas se encuentran en su sitio y no se encuentran sueltas dentro del sistema. Compruébelo agitando el sistema y escuchando los posibles ruidos que provocarían. Las piezas metálicas pueden causar cortocircuitos eléctricos.

Safety notice 2

DANGER

Some standby batteries contain a small amount of nickel and cadmium. Do not disassemble a standby battery, recharge it, throw it into fire or water, or short-circuit it. Dispose of the battery as required by local ordinances or regulations. Use only the battery in the appropriate parts listing. Use of an incorrect battery can result in ignition or explosion of the battery.

Certaines batteries de secours contiennent du nickel et du cadmium. Ne les démontez pas, ne les rechargez pas, ne les exposez ni au feu ni à l'eau. Ne les mettez pas en court-circuit. Pour les mettre au rebut, conformez-vous à la réglementation en vigueur. Lorsque vous remplacez la pile de sauvegarde ou celle de l'horloge temps réel, veillez à n'utiliser que les modèles cités dans la liste de pièces détachées adéquate. Une batterie ou une pile inappropriée risque de prendre feu ou d'exploser.

Die Bereitschaftsbatterie, die sich unter dem Diskettenlaufwerk befindet, kann geringe Mengen Nickel und Cadmium enthalten. Sie darf nicht zerlegt, wiederaufgeladen, kurzgeschlossen, oder Feuer oder Wasser ausgesetzt werden. Bei der Entsorgung die örtlichen Bestimmungen für Sondermüll beachten. Beim Ersetzen der Bereitschafts- oder Systembatterie nur Batterien des Typs verwenden, der in der Ersatzteilliste aufgeführt ist. Der Einsatz falscher Batterien kann zu Entzündung oder Explosion führen.

סוללות המתנה מסוימות מכילות כמויות קטנות של ניקל וקדמיום. אין לפרק סוללות המתנה, לטעון אותה מחדש, להשליך אותה לאש או למים או לקצר אותה. יש לשלוק את הסוללה בנדרש על ידי התקנות והחוקים המקומיים. יש להשתמש רק בסוללה המומיפה ברשימת החלקים המתאימה. שימוש בסוללה לא מתאימה עלול לגרום להצתה או התפוצצות של הסוללה.

Alcune batterie di riserva contengono una piccola quantità di nichel e cadmio. Non smontarle, ricaricarle, gettarle nel fuoco o nell'acqua né cortocircuitarle. Smaltirle secondo la normativa in vigore (DPR 915/82, successive disposizioni e disposizioni locali). Quando si sostituisce la batteria dell'RTC (real time clock) o la batteria di supporto, utilizzare soltanto i tipi inseriti nell'appropriato Catalogo parti. L'impiego di una batteria non adatta potrebbe determinare l'incendio o l'esplosione della batteria stessa.

予備バッテリーの中には少量のニッケルとカドミウムが含まれているものがあります。したがって、予備バッテリーの分解、再充電、火または水の中への投棄、またはショートさせることは決して行わないでください。バッテリーを廃棄する場合は地方自治体の条例に従ってください。適切なパーツ・リストにあるバッテリーだけを请使用してください。誤ったバッテリーを使用すると、バッテリーが発火したり、爆発したりすることがあります。

Algunas baterías de reserva contienen una pequeña cantidad de níquel y cadmio. No las desmonte, ni recargue, ni las eche al fuego o al agua ni las cortocircuite. Deséchelas tal como dispone la normativa local. Utilice sólo baterías que se encuentren en la lista de piezas. La utilización de una batería no apropiada puede provocar la ignición o explosión de la misma.

Safety notice 3**⚠ DANGER**

The battery pack contains small amounts of nickel. Do not disassemble it, throw it into fire or water, or short-circuit it. Dispose of the battery pack as required by local ordinances or regulations. Use only the battery in the appropriate parts listing when replacing the battery pack. Use of an incorrect battery can result in ignition or explosion of the battery.

La batterie contient du nickel. Ne la démontez pas, ne l'exposez ni au feu ni à l'eau. Ne la mettez pas en court-circuit. Pour la mettre au rebut, conformez-vous à la réglementation en vigueur. Lorsque vous remplacez la batterie, veuillez à n'utiliser que les modèles cités dans la liste de pièces détachées adéquate. En effet, une batterie inappropriée risque de prendre feu ou d'exploser.

Akkus enthalten geringe Mengen von Nickel. Sie dürfen nicht zerlegt, wiederaufgeladen, kurzgeschlossen, oder Feuer oder Wasser ausgesetzt werden. Bei der Entsorgung die örtlichen Bestimmungen für Sondermüll beachten. Beim Ersetzen der Batterie nur Batterien des Typs verwenden, der in der Ersatzteilliste aufgeführt ist. Der Einsatz falscher Batterien kann zu Entzündung oder Explosion führen.

מאזו הסוללה מכיל כמות קטנה של ניקל וקדמיום. אין לפרק את מאזו הסוללה, להשליך אותו לאש או למים או לקצר אותו. יש לסלק את מאזו הסוללה הסוללה כנדרש על ידי התקנות החוקיים המקומיים. יש להשתמש רק בסוללה המובנית ברשימת החלקים המתאימה בזמן החלפת מאזו הסוללה. שימוש בסוללה לא מתאימה עלול לגרום להצתה או התפוצצות של הסוללה.

La batteria contiene piccole quantità di nichel. Non smontarla, gettarla nel fuoco o nell'acqua né cortocircuitarla. Smaltirla secondo la normativa in vigore (DPR 915/82, successive disposizioni e disposizioni locali). Quando si sostituisce la batteria, utilizzare soltanto i tipi inseriti nell'appropriato Catalogo parti. L'impiego di una batteria non adatta potrebbe determinare l'incendio o l'esplosione della batteria stessa.

バッテリー・パックには少量のニッケルが含まれています。バッテリー・パックを分解したり、火または水の中に投げ込んだり、ショートさせないでください。バッテリー・パックの廃棄にあたっては、地方自治体の条例または規則に従ってください。バッテリー・パックを交換するときは、適切なパーツ・リストにあるバッテリーだけを使用してください。誤ったバッテリーを使用すると、バッテリーが発火したり、爆発したりすることがあります。

Las baterías contienen pequeñas cantidades de níquel. No las desmonte, ni recargue, ni las eche al fuego o al agua ni las cortocircuite. Deséchelas tal como dispone la normativa local. Utilice sólo baterías que se encuentren en la lista de piezas al sustituir la batería. La utilización de una batería no apropiada puede provocar la ignición o explosión de la misma.

Safety notice 4

⚠ DANGER

The lithium battery can cause a fire, an explosion, or a severe burn. Do not recharge it, remove its polarized connector, disassemble it, heat it above 100°C (212°F), incinerate it, or expose its cell contents to water. Dispose of the battery as required by local ordinances or regulations. Use only the battery in the appropriate parts listing. Use of an incorrect battery can result in ignition or explosion of the battery.

La pile de sauvegarde contient du lithium. Elle présente des risques d'incendie, d'explosion ou de brûlures graves. Ne la rechargez pas, ne retirez pas son connecteur polarisé et ne la démontez pas. Ne l'exposez pas à une température supérieure à 100°C, ne la faites pas brûler et n'en exposez pas le contenu à l'eau. Mettez la pile au rebut conformément à la réglementation en vigueur. Une pile inappropriée risque de prendre feu ou d'exploser.

Die Systematterie ist eine Lithiumatterie. Sie kann sich entzünden, explodieren oder schwere Verbrennungen hervorrufen. Batterien dieses Typs dürfen nicht aufgeladen, zerlegt, über 100 C erhitzt oder verbrannt werden. Auch darf ihr Inhalt nicht mit Wasser in Verbindung gebracht oder der zur richtigen Polung angebrachte Verbindungsstecker entfernt werden. Bei der Entsorgung die örtlichen Bestimmungen für Sondermüll beachten. Beim Ersetzen der Batterie nur Batterien des Typs verwenden, der in der Ersatzteilliste aufgeführt ist. Der Einsatz falscher Batterien kann zu Entzündung oder Explosion führen.

סוללת הליתיום עלולה לגרום לשריפה, להתפוצצות או לפגיעת עקשות. אין לטעון אותה מחדש, לנטות את המחבר המקוטב שלה, למרק אותה או לחמם אותה לטמפרטורה העולה על 100 מעלות צלזיוס. אין לשרוף את הסוללה ואין לחשוף את תוכן התא למים. יש לנטות את הסוללה כנדרש במקנות ובחוקים המקומיים. יש להשתמש רק בסוללה המומייעה ברשימת החלקים המתאימים. שימוש בסוללה אחרת עלול לגרום לטכנת שריפה או התפוצצות.

La batteria di supporto e una batteria al litio e puo incendiarsi, esplodere o procurare gravi ustioni. Evitare di ricaricarla, smontarne il connettore polarizzato, smontarla, riscaldarla ad una temperatura superiore ai 100 gradi centigradi, incendiarla o gettarla in acqua. Smaltirla secondo la normativa in vigore (DPR 915/82, successive disposizioni e disposizioni locali). L'impiego di una batteria non adatta potrebbe determinare l'incendio o l'esplosione della batteria stessa.

リチウム・バッテリーは、火災、爆発、または重症のやけどを引き起こすことがあります。バックアップ・バッテリーの充電、その極性コネクターの取り外し、バッテリー本体の分解、100°C (212°F) 以上への加熱、焼却、電池の中身を水に浸すことはしないでください。バッテリーを廃棄する場合は地方自治体の条例に従ってください。適切なパーツ・リストにあるバッテリーだけを使用してください。誤ったバッテリーを使用すると、バッテリーが発火したり、爆発したりすることがあります。

La batería de repuesto es una batería de litio y puede provocar incendios, explosiones o quemaduras graves. No la recargue, ni quite el conector polarizado, ni la desmonte, ni caliente por encima de los 100°C (212°F), ni la incinerar ni exponga el contenido de sus celdas al agua. Deséchela tal como dispone la normativa local.

Safety notice 5

If the LCD breaks and the fluid from inside the LCD gets into your eyes or on your hands, immediately wash the affected areas with water at least for 15 minutes. Seek medical care if any symptoms caused by the fluid are present after washing.

Si le panneau d'affichage à cristaux liquides se brise et que vous recevez dans les yeux ou sur les mains une partie du fluide, rincez-les abondamment pendant au moins quinze minutes. Consultez un médecin si des symptômes persistent après le lavage.

Die Leuchtstoffröhre im LCD-Bildschirm enthält Quecksilber. Bei der Entsorgung die örtlichen Bestimmungen für Sondermüll beachten. Der LCD-Bildschirm besteht aus Glas und kann zerbrechen, wenn er unsachgemäß behandelt wird oder der Computer auf den Boden fällt. Wenn der Bildschirm beschädigt ist und die darin befindliche Flüssigkeit in Kontakt mit Haut und Augen gerät, sollten die betroffenen Stellen mindestens 15 Minuten mit Wasser abgespült und bei Beschwerden anschließend ein Arzt aufgesucht werden.

אם מסך הנביש הנוזלי (LCD) נשבר והנוזל מתוך המסך בא במגע עם עיניכם או ידיכם, שטפו את האזורים הנוגעים מיד במים במשך 15 דקות לפחות. פנו לקבלת עזרה רפואית אם תסמינים הנובעים מהמגע עם הנוזל נמשכים לאחר השטיפה.

Nel caso che caso l'LCD si dovesse rompere ed il liquido in esso contenuto entrasse in contatto con gli occhi o le mani, lavare immediatamente le parti interessate con acqua corrente per almeno 15 minuti; poi consultare un medico se i sintomi dovessero permanere.

LCD が破損し、LCD 中の液体が目に入ったり、手に触れたりした場合は、液体が触れた部分を少なくとも 15 分間洗い流してください。洗い流した後に、液体によって何らかの症状が現れた場合は、医師の治療を受けてください。

Si la LCD se rompe y el fluido de su interior entra en contacto con sus ojos o sus manos, lave inmediatamente las áreas afectadas con agua durante 15 minutos como mínimo. Obtenga atención medica si se presenta algún síntoma del fluido despues de lavarse.

Safety notice 6

DANGER

To avoid shock, do not remove the plastic cover that protects the lower part of the inverter card.

Afin d'éviter tout risque de choc électrique, ne retirez pas le cache en plastique protégeant la partie inférieure de la carte d'alimentation.

Aus Sicherheitsgründen die Kunststoffabdeckung, die den unteren Teil der Spannungswandlerplatine umgibt, nicht entfernen.

כדי למנוע התחשמלות, אין להסיר את מכסה הפלסטיק המגן על חלקו התחתון של הכרטיס ההפוך.

Per evitare scosse elettriche, non rimuovere la copertura in plastica che avvolge la parte inferiore della scheda invertitore.

感電を防ぐため、インバーター・カードの下部を保護しているプラスチック・カバーを外さないでください。

Para evitar descargas, no quite la cubierta de plástico que rodea la parte baja de la tarjeta invertida.

Safety notice 7

DANGER

Though the main batteries have low voltage, a shorted or grounded battery can produce enough current to burn personnel or combustible materials.

Bien que le voltage des batteries principales soit peu élevé, le court-circuit ou la mise à la masse d'une batterie peut produire suffisamment de courant pour brûler des matériaux combustibles ou causer des brûlures corporelles graves.

Obwohl Hauptbatterien eine niedrige Spannung haben, können sie doch bei Kurzschluß oder Erdung genug Strom abgeben, um brennbare Materialien zu entzünden oder Verletzungen bei Personen hervorzurufen.

אף שהסוללות הראשיות הן בעלות מתח נמוך, סוללה מקוצרת או מוארקות עלולה להפיק זרם מספיק לגרימת כוויות או להצתת חומרים דליקים.

Sebbene le batterie di alimentazione siano a basso voltaggio, una batteria in corto circuito o a massa può fornire corrente sufficiente da bruciare materiali combustibili o provocare ustioni ai tecnici di manutenzione.

メイン・バッテリーの電圧は低くても、ショートしたり、接地したバッテリーが、作業者にやけどを負わせたり、可燃物を燃やすだけの電流を発生させる場合があります。

Aunque las baterías principales tienen un voltaje bajo, una batería cortocircuitada o con contacto a tierra puede producir la corriente suficiente como para quemar material combustible o provocar quemaduras en el personal.

Safety notice 8** DANGER**

Before removing any FRU, turn off the computer, unplug all power cords from electrical outlets, remove the battery pack, and then disconnect any interconnecting cables.

Avant de retirer une unité remplaçable en clientèle, mettez le système hors tension, débranchez tous les cordons d'alimentation des socles de prise de courant, retirez la batterie et déconnectez tous les cordons d'interface.

Die Stromzufuhr muß abgeschaltet, alle Stromkabel aus der Steckdose gezogen, der Akku entfernt und alle Verbindungskabel abgenommen sein, bevor eine FRU entfernt wird.

לפני סילוק FRU כלשהו, יש לכבות את המחשב, לנתק את כל כבלי החשמל משקעי החשמל, להוציא את מארזי הסוללה, וזו לנתק כבלי חיבור אחרים אם יש כאלה.

Prima di rimuovere qualsiasi FRU, spegnere il sistema, scollegare dalle prese elettriche tutti i cavi di alimentazione, rimuovere la batteria e poi scollegare i cavi di interconnessione.

FRU を取り外す前に、**ThinkPad** の電源を切って、すべての電源コードをコンセントから外してください。次に、バッテリー・バックを外し、相互接続ケーブルを外してください。

Antes de quitar una FRU, apague el sistema, desenchufe todos los cables de las tomas de corriente eléctrica, quite la batería y, a continuación, desconecte cualquier cable de conexión entre dispositivos.

Laser compliance statement

Some models of Lenovo computer are equipped from the factory with an optical storage device such as a CD-ROM drive or a DVD-ROM drive. Such devices are also sold separately as options. If one of these drives is installed, it is certified in the U.S. to conform to the requirements of the Department of Health and Human Services 21 Code of Federal Regulations (DHHS 21 CFR) Subchapter J for Class 1 laser products. Elsewhere, the drive is certified to conform to the requirements of the International Electrotechnical Commission (IEC) 825 and CENELEC EN 60 825 for Class 1 laser products.

If a CD-ROM drive, a DVD-ROM drive, or another laser device is installed, note the following:

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein might result in hazardous radiation exposure.

O uso de controles, ajustes ou desempenho de procedimentos diferentes daqueles aqui especificados pode resultar em perigosa exposição à radiação.

凡未在这里指明的任何控制用法、调整、行为，都会导致严重后果。

Pour éviter tout risque d'exposition au rayon laser, respectez les consignes de réglage et d'utilisation des commandes, ainsi que les procédures décrites.

Werden Steuer- und Einstellelemente anders als hier festgesetzt verwendet, kann gefährliche Laserstrahlung auftreten.

Az itt előírt eljárásoktól, beállításoktól és vezérlésektől eltérni a lézersugárzás veszélye miatt kockázatos!

L'utilizzo di controlli, regolazioni o l'esecuzione di procedure diverse da quelle specificate possono provocare l'esposizione a.

Использование элементов настройки и выполнение процедур иных, чем указано здесь, может привести к опасному радиационному облучению.

Použitie kontrol, úprav alebo iných vykonaní od iných výrobcov, ako je v tomto špecifikované, mohlo by mať za následok nebezpečenstvo vystavenia sa vyžiarovaniu.

本書で指定された内容以外の、お客様による整備、調整、または手順を行った場合、レーザー光の放射の危険があります。

El uso de controles o ajustes o la ejecución de procedimientos distintos de los aquí especificados puede provocar la exposición a radiaciones peligrosas.

Opening the CD-ROM drive, the DVD-ROM drive, or any other optical storage device could result in exposure to hazardous laser radiation. There are no serviceable parts inside those drives. **Do not open.**

A CD-ROM drive, a DVD-ROM drive, or any other storage device installed may contain an embedded Class 3A or Class 3B laser diode. Note the following:

⚠ DANGER

Emits visible and invisible laser radiation when open. Do not stare into the beam, do not view directly with optical instruments, and avoid direct exposure to the beam.

Radiação por raio laser ao abrir. Não olhe fixo no feixe de luz, não olhe diretamente por meio de instrumentos óticos e evite exposição direta com o feixe de luz.

开启时会有激光发射时，请勿直视激光束，请勿直接查看视觉仪器，并且避免直接接触在激光光束之中。

Rayonnement laser si carter ouvert. Évitez de fixer le faisceau, de le regarder directement avec des instruments optiques, ou de vous exposer au rayon.

Laserstrahlung bei geöffnetem Gerät. Nicht direkt oder über optische Instrumente in den Laserstrahl sehen und den Strahlungsbereich meiden.

Kinyitáskor lézersugár ! Ne nézzen bele se szabad szemmel, se optikai eszközökkel. Kerülje a sugárnyalábbal való érintkezést!

Aprendo l'unità vengono emesse radiazioni laser. Non fissare il fascio, non guardarlo direttamente con strumenti ottici e evitare l'esposizione diretta al fascio.

Открывая, берегитесь лазерного излучения. Не смотрите на луч, не разглядывайте его с помощью оптических инструментов, а также избегайте прямого воздействия лазерного луча.

Keď je laserová jednotka otvorená. Vyhnite sa priamemu pohľadu a nehladte priamo s optickými nástrojmi do lúča a vyhnite sa priamemu vystaveniu lúčov.

開けるとレーザー光が放射されます。光線を見つめたり、光学機械を使って直接見たりしないでください。

Radiación láser al abrir. No mire fijamente ni examine con instrumental óptico el haz de luz. Evite la exposición directa al haz.

Important service information

This chapter presents the following important service information:

- “Strategy for replacing FRUs” on page 16
 - “Strategy for replacing a hard disk drive” on page 17
 - “Important notice for replacing a system board” on page 17
- “Important information about replacing RoHS compliant FRUs” on page 18

Important:

BIOS and device driver fixes are customer-installable. The BIOS and device drivers are posted on the customer support site:

<http://support.lenovo.com>.

Strategy for replacing FRUs

Before replacing parts:

Make sure that all software fixes, drivers, and BIOS downloads are installed before replacing any FRUs listed in this manual.

After a system board is replaced, ensure that the latest BIOS is loaded to the system board before completing the service action.

To download software fixes, drivers, and BIOS, follow the steps below:

1. Go to <http://support.lenovo.com>.
2. Enter the serial number or select a product or use Lenovo smart downloading.
3. Select the BIOS/Driver/Applications and download.
4. Follow the directions on the screen and install the necessary software.

Use the following strategy to prevent unnecessary expense for replacing and servicing FRUs:

- If you are instructed to replace an FRU, but the replacement does not solve the problem, reinstall the original FRU before you continue.
- Some computers have both a processor board and a system board. If you are instructed to replace either of them, and replacing one of them does not solve the problem, reinstall that board, and then replace the other one.
- If an adapter or a device consists of more than one FRU, any of the FRUs may be the cause of the error. Before replacing the adapter or device, remove the FRUs one by one to see if the symptoms change. Replace only the FRU that changed the symptoms.

Attention: The setup configuration on the computer you are servicing may have been customized. Running Automatic Configuration may alter the settings. Note the current configuration settings (using the View Configuration option); then, when service has been completed, verify that those settings remain in effect.

Strategy for replacing a hard disk drive

Always try to run a low-level format before replacing a hard disk drive. This will cause all customer data on the hard disk to be lost. Make sure that the customer has a current backup of the data before performing this action.

Attention: The drive startup sequence in the computer you are servicing may have been changed. Be extremely careful during write operations such as copying, saving, or formatting. If you select an incorrect drive, data or programs can be overwritten.

Important notice for replacing a system board

Some components mounted on a system board are very sensitive. Improper handling can cause damage to those components, and may cause a system malfunction.

Attention: When handling a system board:

- Do not drop the system board or apply any excessive force to it.
- Avoid rough handling of any kind.
- Avoid bending the system board and hard pushing to prevent cracking at each BGA (Ball Grid Array) chipset.

Important information about replacing RoHS compliant FRUs

RoHS, The Restriction of Hazardous Substances in Electrical and Electronic Equipment Directive (2002/95/EC) is a European Union legal requirement affecting the global electronics industry. RoHS requirements must be implemented on Lenovo products placed on the market after June 2006. Products on the market before June 2006 are not required to have RoHS compliant parts. If the original FRU parts are non-compliant, replacement parts can also be non-compliant. In all cases if the original FRU parts are RoHS compliant, the replacement part must also be RoHS compliant.

Note: RoHS and non-RoHS FRU part numbers with the same fit and function are identified with unique FRU part numbers.

Lenovo plans to transit to RoHS compliance well before the implementation date and expects its suppliers to be ready to support Lenovo's requirements and schedule in the EU. Products sold in 2005 and 2006 will contain some RoHS compliant FRUs. The following statement pertains to these products and any product Lenovo produces containing RoHS compliant FRUs.

RoHS compliant FRUs have unique FRU part numbers. Before or after the RoHS implementation date, failed RoHS compliant parts must always be replaced with RoHS compliant ones, so only the FRUs identified as compliant in the system HMM or direct substitutions for those FRUs may be used.

Products marketed before June 2006		Products marketed after June 2006	
Current or original part	Replacement FRU	Current or original part	Replacement FRU
Non-RoHS	Can be Non-RoHS	Must be RoHS	Must be RoHS
Non-RoHS	Can be RoHS		
Non-RoHS	Can sub to RoHS		
RoHS	Must be RoHS		

Note: A direct substitution is a part with a different FRU part number that is automatically shipped by the distribution center at the time of the order.

General checkout

This chapter presents the following information:

- “What to do first” on page 20
- “Power system checkout” on page 21

Before you go to the checkout, make sure to read the following important notes:

Important notes:

- **Only certified trained personnel can service the computer.**
- **Before replacing any FRU, read the entire page on removing and replacing FRUs.**
- **Carefully remove screws for reuse when replacing FRUs.**
- **Be extremely careful during such write operations as copying, saving, or formatting.** Drives in the computer that you are servicing sequence might have been altered. If you select an incorrect drive, data or programs might be overwritten.
- **Replace an FRU only with another FRU of the correct model.** When you replace an FRU, make sure that the machine model and the FRU part number are correct by referring to the FRU parts list.
- **An FRU should not be replaced just because of a single, unreproducible failure.** Single failures can occur for a variety of reasons that have nothing to do with a hardware defect, such as cosmic radiation, electrostatic discharge, or software errors. Consider replacing an FRU only when a problem recurs. If you suspect that an FRU is defective, clear the error logs and run the test again. If the error does not recur, do not replace the FRU.
- **Be careful not to replace a nondefective FRU.**

What to do first

When you do return an FRU, you must include the following information in the parts exchange form or parts return form that you attach to it:

1. Name and phone number of servicer
2. Date of service
3. Date on which the machine failed
4. Date of purchase
5. Procedure index and page number in which the failing FRU was detected
6. Failing FRU name and part number
7. Machine type, model number, and serial number
8. Customer's name and address

Note for warranty: During the warranty period, the customer may be responsible for repair costs if the computer damage was caused by misuse, accident, modification, unsuitable physical or operating environment, or improper maintenance by the customer.

The following is a list of some common items that are not covered under warranty and some symptoms that might indicate that the system was subjected to stress beyond normal use.

Before checking problems with the computer, determine whether the damage is covered under the warranty by referring to the following list:

The following are not covered under warranty:

- LCD panel cracked from the application of excessive force or from being dropped
- Scratched (cosmetic) parts
- Distortion, deformation, or discoloration of the cosmetic parts
- Plastic parts, latches, pins, or connectors that have been cracked or broken by excessive force
- Damage caused by liquid spilled into the system
- Damage caused by the improper insertion of a PC Card or the installation of an incompatible card
- Improper disk insertion or use of an optical drive
- Diskette drive damage caused by pressure on the diskette drive cover, foreign material in the drive, or the insertion of a diskette with multiple labels
- Damaged or bent diskette eject button
- Fuses blown by attachment of a nonsupported device
- Forgotten computer password (making the computer unusable)
- Sticky keys caused by spilling a liquid onto the keyboard
- Use of an incorrect AC adapter on laptop products

The following symptoms might indicate damage caused by nonwarranted activities:

- Missing parts might be a symptom of unauthorized service or modification.
- If the spindle of a hard disk drive becomes noisy, it may have been subjected to excessive force, or dropped.

Power system checkout

To verify a symptom, follow the steps below:

1. Turn off the computer.
2. Remove the battery pack.
3. Connect the AC adapter.
4. Make sure that power is supplied when you turn on the computer.
5. Turn off the computer.
6. Disconnect the AC adapter and install the charged battery pack.
7. Make sure that the battery pack supplies power when you turn on the computer.

If you suspect a power problem, see the appropriate one of the following power supply checkouts:

- “Checking the AC adapter” on page 21
- “Checking operational charging” on page 21
- “Checking the battery pack” on page 22

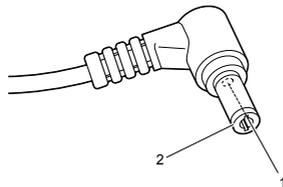
Checking the AC adapter

You are here because the computer fails only when the AC adapter is used.

- If the power-on indicator does not turn on, check the power cord of the AC adapter for correct continuity and installation.
- If the computer does not charge during operation, go to “Checking operational charging”.

To check the AC adapter, follow the steps below:

1. Unplug the AC adapter cable from the computer.
2. Measure the output voltage at the plug of the AC adapter cable. See the following figure:



Pin	Voltage (V DC)
1	+20
2	0

Note: Output voltage for the AC adapter pin No. 2 may differ from the one you are servicing.

3. If the voltage is not correct, replace the AC adapter.
4. If the voltage is acceptable, do the following:
 - Replace the system board.
 - If the problem persists, go to “Lenovo ideapad S130-111GM/ideapad S130-141GM/ideapad 130S-111GM/ideapad 130S-141GM” on page 27.

Note: Noise from the AC adapter does not always indicate a defect.

Checking operational charging

To check whether the battery charges properly during operation, use a discharged battery pack or a battery pack that has less than 50% of the total power remaining when installed in the computer.

Perform operational charging. If the battery status indicator or icon does not light on, remove the battery pack and let it return to room temperature. Reinstall the battery pack. If the charge indicator or icon is still off, replace the battery pack.

If the charge indicator still does not light on, replace the system board. Then reinstall the battery pack. If it is still not charged, go to the next section.

Checking the battery pack

Battery charging does not start until the Power Meter shows that less than 95% of the total power remains; under this condition the battery pack can charge to 100% of its capacity. This protects the battery pack from being overcharged or from having a shortened life.

To check your battery, move your cursor to the Power Meter icon in the icon tray of the Windows® taskbar and wait for a moment (but do not click it), and the percentage of battery power remaining is displayed. To get detailed information about the battery, double-click the Power Meter icon.

Note: If the battery pack becomes hot, it may not be able to be charged. Remove it from the computer and leave it at room temperature for a while. After it cools down, reinstall and recharge it.

Related service information

This chapter presents the following information:

- “Restoring the factory contents by using OneKey Recovery” on page 23
- “Passwords” on page 24
- “Power management” on page 25

Restoring the factory contents by using Push-button reset

Restore of factory default

The Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ ideapad 130S-11IGM/ ideapad 130S-14IGM computers come with pre-installed Push-button reset. In order to save application files and the initial backed up files of the system, the hard disk in a Lenovo computer includes a hidden partition when it is shipped. If you need to restore the system to the point of your first boot up, press the Novo button and run **System Recovery**. For details of “Push-button reset”, see the *Recovery system* in the *User Guide*.

Note: This will delete all the new data on the system partition (C drive), which is not recoverable. Make sure to back up your critical data before you perform this action.

When you use the recovery discs to boot your computer, the system will enter the user interface for system recovery automatically. Please follow the prompt to insert the backup discs to complete the whole recovery process.

Note: The recovery process might take up to 2 hours.

Passwords

As many as three passwords may be needed for any Lenovo computer: the power-on password (POP), the hard disk password (HDP), and the administrator password.

If any of these passwords has been set, a prompt for it appears on the screen whenever the computer is turned on. The computer does not start until the password is entered.

Power-on password

A power-on password (POP) protects the system from being powered on by an unauthorized person. The password must be entered before an operating system can be booted.

Hard-disk password

There are two hard-disk passwords (HDPs):

- + User HDP - for the user

- + Master HDP - for the system administrator, who can use it to get access to the hard disk drive even if the user has changed the user HDP

Attention: If the user HDP has been forgotten, check whether a master HDP has been set. If it has, it can be used for access to the hard disk drive. If no master HDP is available, neither Lenovo nor Lenovo authorized service technicians provide any services to reset either the user or the master HDP, or to recover data from the hard disk drive. The hard disk drive can be replaced for a scheduled fee.

Administrator password

Administrator password controls the access of the whole setup utility. Only after the Administrator password has been set can the User password be set. If Administrator password was cleared, the User password was cleared too.

Power management

Note: Power management modes are not supported for APM operating system.

To reduce power consumption, the computer has three power management modes: screen blank, sleep (standby), and hibernation.

To end screen blank state and resume normal operation, press any key on the keyboard.

Putting the computer to sleep or shutting it down

When you have finished working with your computer, you can put it to sleep or shut it down.

Putting your computer to sleep

If you will be away from your computer for only a short time, put the computer to sleep.

When the computer is in sleep mode, you can quickly wake it to resume use, bypassing the startup process.

To put the computer to sleep, do one of the following:

- Close the display lid.
- Press and hold the Power key for about 1 to 5 seconds.
- Move the cursor to the lower-left corner, and then select the Start button.

Select **Power**  → **Sleep**.

Note: Put your computer to sleep before you move it. Moving your computer while the hard disk drive is spinning can damage the hard disk, causing loss of data.

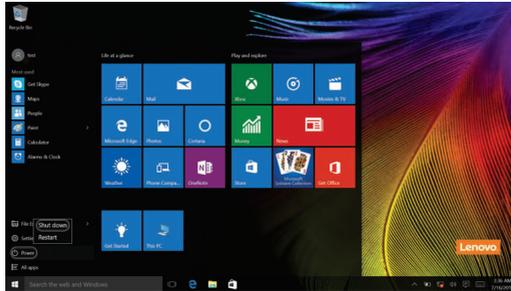
To wake up the computer, perform the following:

- Press any key on the keyboard.
- Press the Power key.

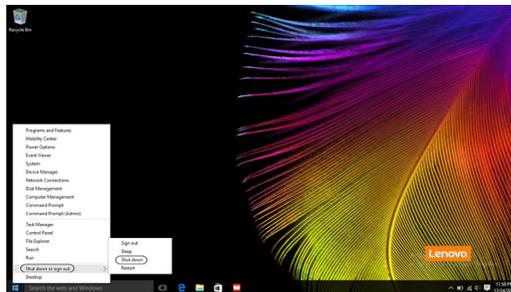
Shutting down the computer

If you are not going to use your computer for a long time, shut it down.
To shut down your computer, do one of the following:

- Select the Start button, then select **Power**  → **Shut down**.



- Right-click or press the Start button in the lower-left corner and select **Shut down or sign out** → **Shut down**.



Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ ideapad 130S-11IGM/ideapad 130S-14IGM

This chapter presents the following product-specific service references and product-specific parts information:

- “Specifications” on page 27
- “Status indicators” on page 29
- “Hotkeys” on page 30
- “FRU replacement notices” on page 31
- “Removing and replacing an FRU” on page 32
- “Locations” on page 94
- “Parts list” on page 96

Specifications

The following table lists the specifications of the Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ideapad 130S-11IGM/ideapad 130S-14IGM:

Table 1. Specifications

	ideapad S130-11IGM/ ideapad 130S-11IGM	ideapad S130-14IGM/ ideapad 130S-14IGM
Form Factor		
Dimensions	Appr. 288 mm × 200 mm × 17.7 mm (without HDD) / 20.9 mm (with HDD)	Appr. 334 mm × 235 mm × 18.6 mm
Weight	Appr. 1.15 kg (without HDD) / 1.27 kg (with HDD)	Appr. 1.47 kg
LCD size	11.6-inch	14.0-inch
Processor		
See the system properties of your computer, you can do this as follows: Click Control Panel , then click Hardware and Sound , click Device Manager under Devices and Printers and double click Processors .		
Memory		
Type and speed	LPDDR4-2133 MHz	
Maximum supported capacity	4 GB	
Slots	on board × 1	
SSD/eMMC		
Capacity	SSD: 128 GB / 256 GB eMMC: 32 GB / 64 GB	
Interface	SSD: PCIE / SATA eMMC: eMMC	
HDD(on select models)		
Capacity	500 GB	-
Interface	PCIE / SATA	-

Table 1. Specifications (continued)

Display	
Display resolution (LCD)	1,920 × 1,080 pixels FHD / 1,366 × 768 pixels HD
LCD backlight	LED
I/O Ports	
USB	USB 3.0 × 2, Type-C (USB 3.0) × 1
Audio	Combo audio jack × 1
Video/Audio	HDMI slot × 1
Memory card slot	Micro SD card reader × 1
Battery pack	
Type	Li-Polymer
Cells/Capacity	eMMC / SSD: 2 cell, 32 Wh HDD: 2 cell, 28 Wh
Note: The capacity given here is the typical or average capacity as measured in a specific test environment. Capacities measured in other environments may differ but are no lower than the rated capacity (see product label).	
AC power adapter	
Input	100-240 V, 50-60 Hz
Output voltage	20 V DC
Power	45 W
Miscellaneous	
Camera	0.3 M / HD

Status indicators

The system status indicators below show the computer status:

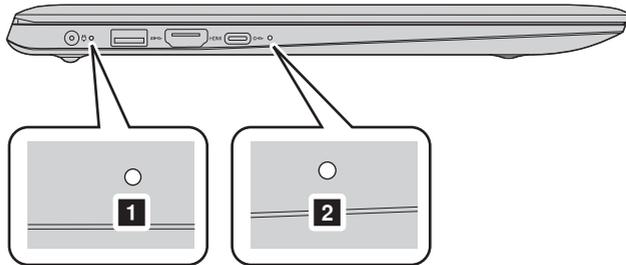


Table 2. Status indicators

1 Battery/Charging status indicator

AC power adapter status	Indicator status	Meaning
Disconnected	Off	The computer is in sleep mode or turned off; The battery has more than 20% charge.
	Solid amber	The battery has between 5% and 20% charge.
	Fast blinking amber	The battery has between 1% and 5% charge.
Connected	Slow blinking amber	The battery is being charged. When battery charge reaches 20%, the blinking color changes to white.
	Slow blinking white	The battery has between 20% and 80% charge and is still charging. When the battery reaches 80% charge the light will stop blinking.
	Solid white	The battery has more than 80% charge, charging will continue until the battery is fully charged.

2 Power status indicator

Indicator	Indicator status	Meaning
Power status indicator	On (solid white)	The computer is powered on.
	Blinking	The computer is in sleep mode.
	Off	The computer is powered off.

Hotkeys

You can access certain system settings quickly by pressing the appropriate hotkeys.

Table 3. Hotkeys

 F1	: Mutes/unmutes the sound.	 F7	: Enables/disables airplane mode.
 F9	: Decreases the volume level.	 F9	: Enables/disables camera.
 F9	: Increases the volume level.	 F10	: Locks/unlocks the LCD screen.
 F4	: Enables/disables microphone.	 F10	: Enables the external projector or dangles the external display.
 F5	: Refreshes page.	 F11	: Decreases display brightness.
 F6	: Enables/disables the touch pad.	 F12	: Increases display brightness.

FRU replacement notices

This section presents notices related to removing and replacing parts. Read this section carefully before replacing any FRU.

Screw notices

Loose screws can cause a reliability problem. In the Lenovo computer, this problem is addressed with special nylon-coated screws that have the following characteristics:

- They maintain tight connections.
- They do not easily come loose, even with shock or vibration.
- They are harder to tighten.
- Each one should be used only once.

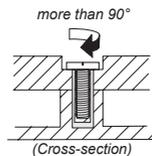
Do the following when you service this machine:

- Keep the screw kit in your tool bag.
- Carefully remove screws for reuse when replacing FRUs.
- Use a torque screwdriver if you have one.

Tighten screws as follows:

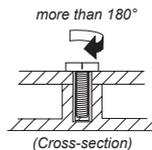
- **Plastic to plastic**

Turn an additional 90° after the screw head touches the surface of the plastic part:



- **Logic card to plastic**

Turn an additional 180° after the screw head touches the surface of the logic card:



- **Torque driver**

- If you have a torque screwdriver, refer to the "Torque" column for each step.
- Make sure that you use the correct screws. If you have a torque screwdriver, tighten all screws firmly to the torque shown in the table. **Carefully remove screws for reuse when replacing FRUs. Make sure that all screws are tightened firmly.**
 - Ensure torque screwdrivers are calibrated correctly following country specifications.

Removing and replacing an FRU

This section presents exploded figures with the instructions to indicate how to remove and replace the FRU. Make sure to observe the following general rules:

1. Do not attempt to service any computer unless you have been trained and certified. An untrained person runs the risk of damaging parts.
2. Before replacing any FRU, review "FRU replacement notices" on page 31.
3. Begin by removing any FRUs that have to be removed before the failing FRU. Any of such FRUs are listed at the top of the page. Remove them in the order in which they are listed.
4. Follow the correct sequence in the steps to remove the FRU, as given in the figures by the numbers in square callouts.
5. When turning a screw to replace an FRU, turn it in the direction as given by the arrow in the figure.
6. When removing the FRU, move it in the direction as given by the arrow in the figure.
7. To put the new FRU in place, reverse the removal procedures and follow any of the notes that pertain to replacement. For information about connecting and arranging internal cables, see "Locations" on page 94.
8. When replacing an FRU, use the correct screw as shown in the procedures.

DANGER

Before removing any FRU, turn off the computer, unplug all power cords from electrical outlets, remove the battery pack, and then disconnect any of the interconnecting cables.

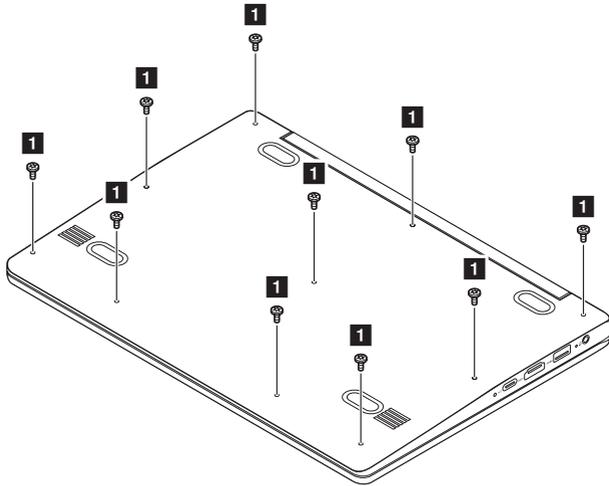
Attention: After replacing an FRU, do not turn on the computer until you have made sure that all screws, springs, and other small parts are in place and none are loose inside the computer. Verify this by shaking the computer gently and listening for rattling sounds. Metallic parts or metal flakes can cause electrical short circuits.

Attention: The system board is sensitive to, and can be damaged by, electrostatic discharge. Before touching it, establish personal grounding by touching a ground point with one hand or using an electrostatic discharge (ESD) strap (P/N 6405959) to remove potential shock reasons.

Lenovo ideapad S130-11IGM/ideapad 130S-11IGM 1010 Base cover

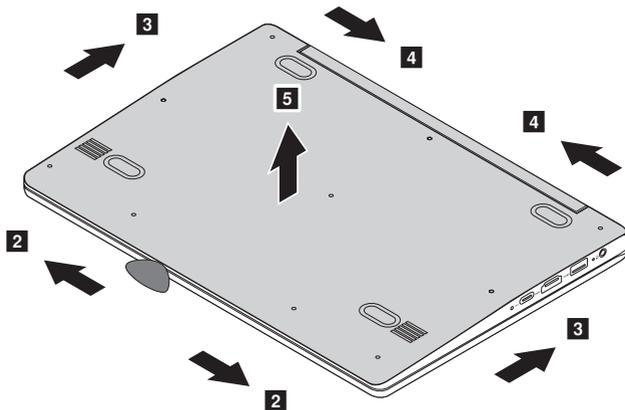
Figure 1. Removal steps of base cover

Remove the screws **1**.



Step	Screw (quantity)	Color	Torque
■	M2×5.0mm, Torx-head (10)	Silver	2.0±0.2 kgf.cm

Use a prying tool to separate the base cover from the upper case in the directions shown by arrows **2**, **3**, **4**. Remove the base cover **5**.



Note: Applying labels to the base cover

The new base cover FRU is shipped with a kit containing labels of several kinds. When you replace the base cover, you need to apply the following labels:

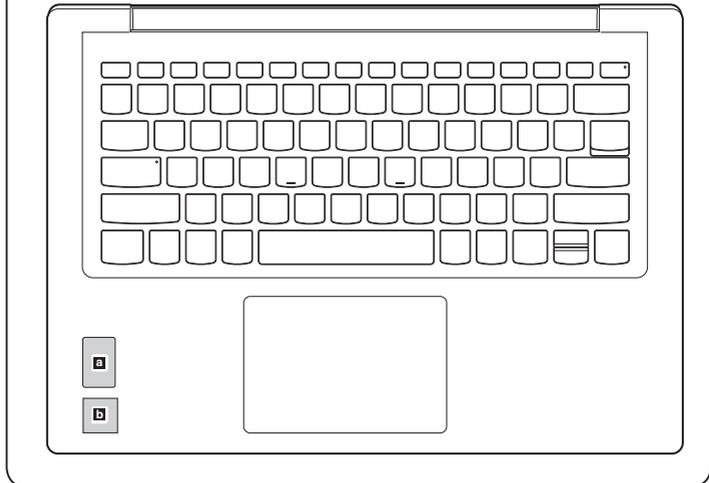
The following labels need to be peeled off from the old base cover and put on the new base cover.

- a** QR label
- b** Intel label
- c** Office OPP 2017 label
- d** Print label
- e** Windows label

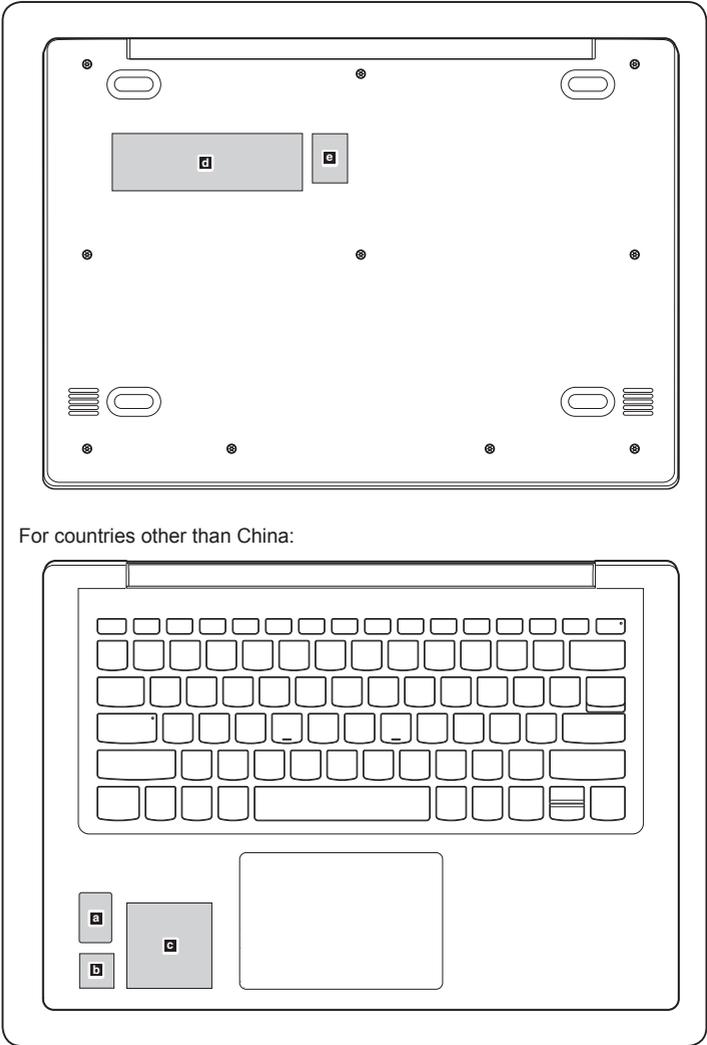
For some models, you also need to apply one or two FCC labels. Check the old base cover; if it has one or two FCC labels, find duplicates of them in the label kit and apply them to the new base cover.

For the location of each label, refer to the following figures:

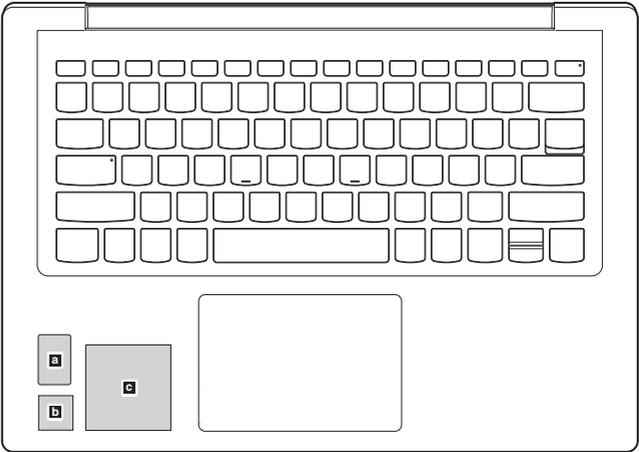
For China:

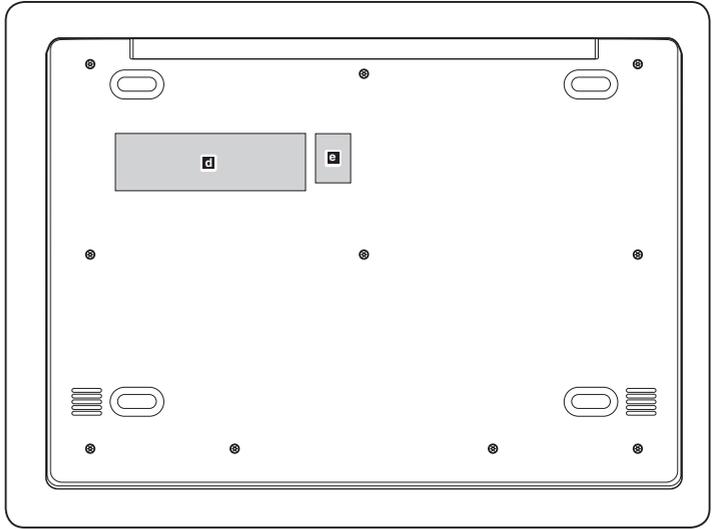


*Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ideapad 130S-11IGM/
ideapad 130S-14IGM*



For countries other than China:





1020 Battery pack

DANGER

Only use the battery specified in the parts list for your computer. Any other battery could ignite or explode.

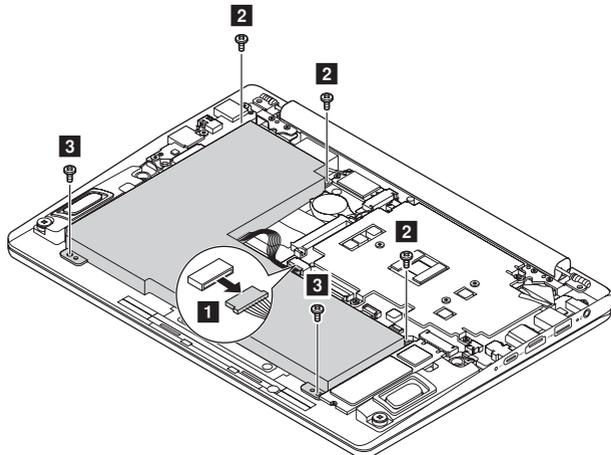
For access, remove this FRU:

- “1010 Base cover” on page 33

Figure 2. Removal steps of battery pack

ideapad S130-11IGM/ideapad 130S-11IGM (without HDD)

Unplug the battery pack connector in the direction shown by arrow **1**, and remove the screws **2** and **3**.

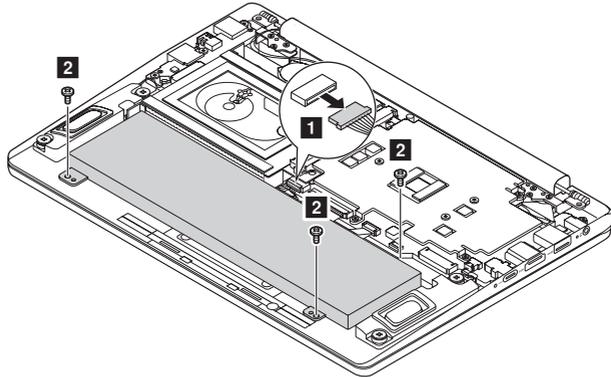


Step	Screw (quantity)	Color	Torque
2	M2X2mm, Phillips-head (3)	Black	2.0±0.2 kgf.cm
3	M2X2.5mm, Phillips-head (2)	Silver	2.0±0.2 kgf.cm

Figure 2. Removal steps of battery pack (continued)

ideapad S130-11IGM/ideapad 130S-11IGM (with HDD)

Unplug the battery pack connector in the direction shown by arrow **1**, and remove the screws **2**.



Step	Screw (quantity)	Color	Torque
2	M2X2.5mm, Phillips-head (3)	Black	2.0±0.2 kgf.cm

When installing: Make sure that the connectors are attached firmly.

*Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ideapad 130S-11IGM/
ideapad 130S-14IGM*

ideapad S130-11IGM/ideapad 130S-11IGM (without HDD)

Remove the battery pack in the direction shown by arrow 4.

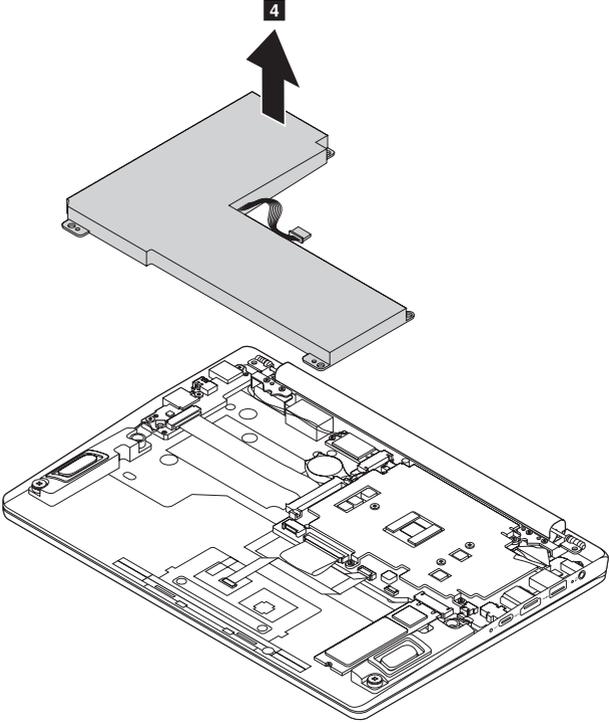
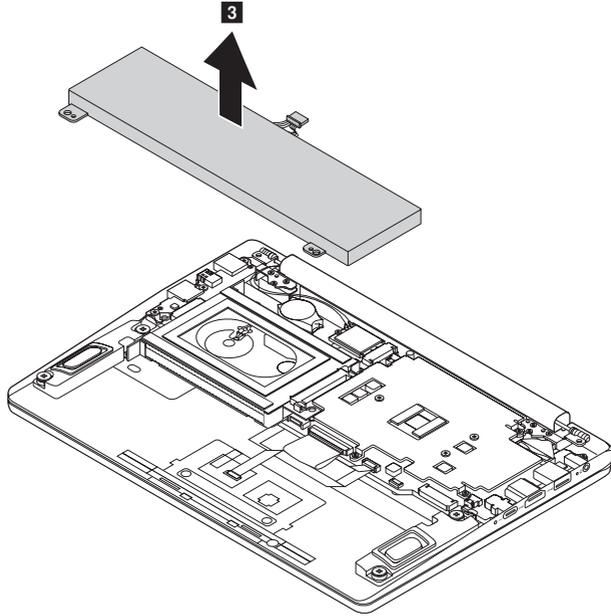


Figure 2. Removal steps of battery pack (continued)

ideapad S130-11IGM/ideapad 130S-11IGM (with HDD)

Remove the battery pack in the direction shown by arrow 3.



1030 PCI Express Mini Card for wireless LAN

For access, remove these FRUs in order:

- “1010 Base cover” on page 33
- “1020 Battery pack” on page 37

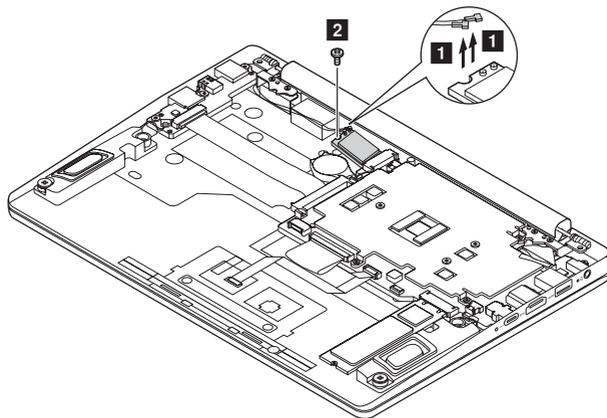
Important:

The preinstalled WLAN module may only be replaced with a Lenovo approved module in order to comply with FCC and IC regulations. Refer to Table 4 “Parts list—Overall” on page 97 for Lenovo part numbers for the approved modules.

Figure 3. Removal steps of PCI Express Mini Card for wireless LAN

Disconnect the two wireless LAN cables (black, grey) ■, and then remove the screw 2.

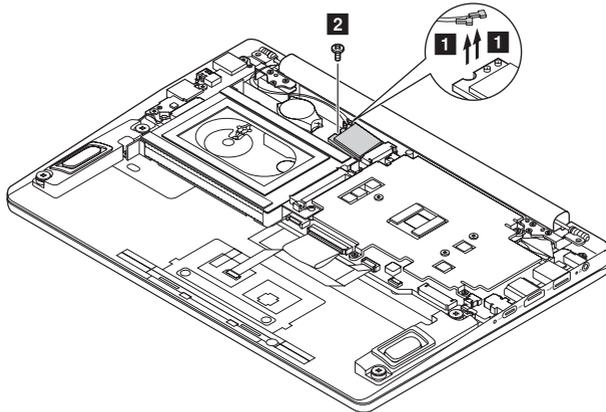
ideapad S130-11IGM/ideapad 130S-11IGM (without HDD)



Step	Screw (quantity)	Color	Torque
2	M2X2mm, Phillips-head (1)	Black	2.0±0.2 kgf.cm

Figure 3. Removal steps of PCI Express Mini Card for wireless LAN (continued)

ideapad S130-11IGM/ideapad 130S-11IGM (with HDD)



Step	Screw (quantity)	Color	Torque
2	M2X2mm, Phillips-head (1)	Black	2.0±0.2 kgf.cm

In step ■, unplug the jacks by using the removal tool antenna RF connector (P/N: 08K7159), or pick up the connectors with your fingers and gently unplug them in the directions shown by the arrows.

When installing:

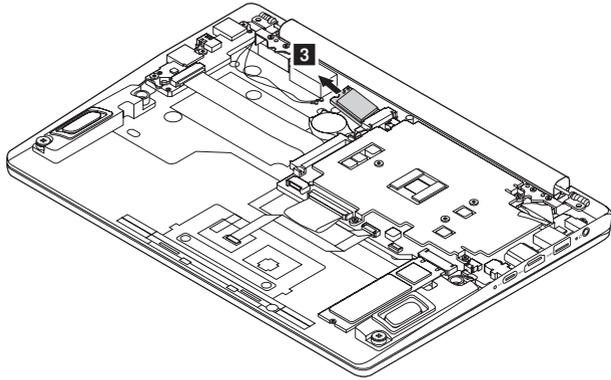
- Plug the black cable (1st) (MAIN) into the jack labeled **MAIN**, and the grey cable (2nd) (AUX) into the jack labeled **AUX** on the card.
- Make sure that the connectors are attached firmly.

*Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ideapad 130S-11IGM/
ideapad 130S-14IGM*

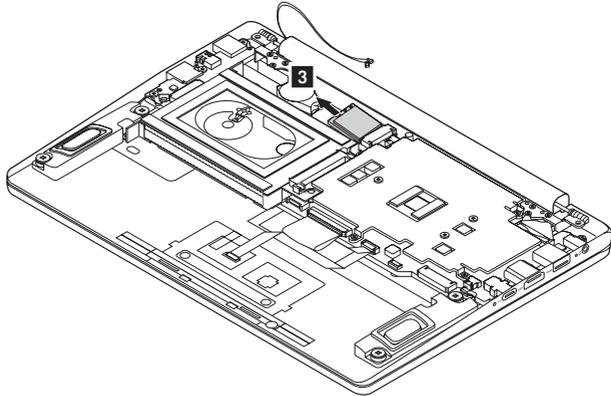
Figure 3. Removal steps of PCI Express Mini Card for wireless LAN (continued)

Remove the card in the direction shown by arrow **3**.

ideapad S130-11IGM/ideapad 130S-11IGM (without HDD)



ideapad S130-11IGM/ideapad 130S-11IGM (with HDD)



1040 Speakers

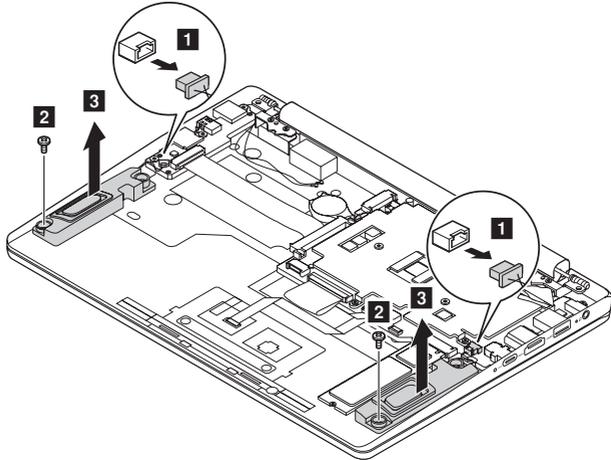
For access, remove these FRUs in order:

- “1010 Base cover” on page 33
- “1020 Battery pack” on page 37
- “1030 PCI Express Mini Card for wireless LAN” on page 41

Figure 4. Removal steps of speakers

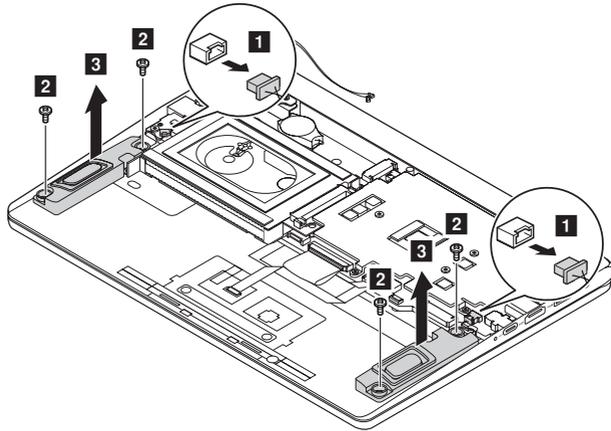
Unplug the speakers connectors **1**. Remove the screws **2**. Then remove the speakers **3**.

ideapad S130-11IGM/ideapad 130S-11IGM (without HDD)



Step	Screw (quantity)	Color	Torque
2	M2X2mm, Phillips-head (2)	Black	2.0±0.2 kgf.cm

ideapad S130-11IGM/ideapad 130S-11IGM (with HDD)



Step	Screw (quantity)	Color	Torque
2	M2X2mm, Phillips-head (4)	Black	2.0±0.2 kgf.cm

When installing: Make sure that the connectors are attached firmly.

1050 SSD card (on select models)

For access, remove these FRUs in order:

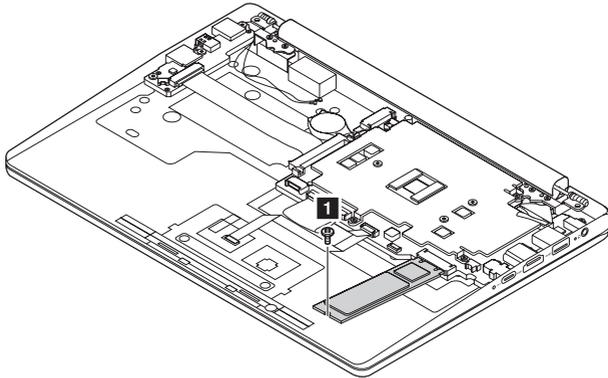
- “1010 Base cover” on page 33
- “1020 Battery pack” on page 37
- “1030 PCI Express Mini Card for wireless LAN” on page 41
- “1040 Speakers” on page 44

Attention:

- **Do not drop the SSD card or apply any physical shock to it.** The SSD card is sensitive to physical shock. Improper handling can cause damage and permanent loss of data.
- Before removing the SSD card, suggest the customer backup all the information on it if possible.
- Never remove the SSD card while the system is operating or in suspend mode.

Figure 5. Removal steps of SSD

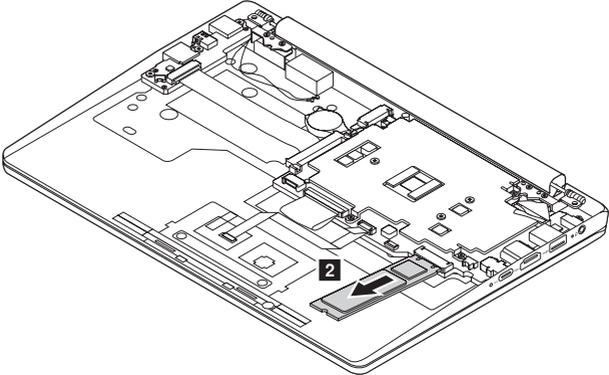
Remove the screw ■.



Step	Screw (quantity)	Color	Torque
■	M2X2mm, Phillips-head(1)	Black	2.0±0.2 kgf.cm

*Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ideapad 130S-11IGM/
ideapad 130S-14IGM*

Remove the SSD card in the direction shown by arrow **2**.



1060 Hard disk drive (on select models)

For access, remove these FRUs in order:

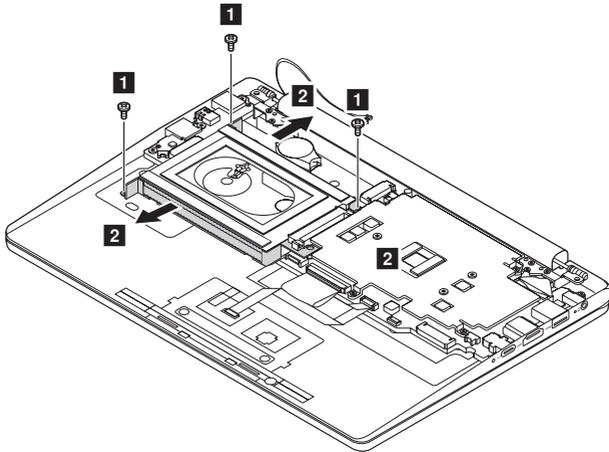
- “1010 Base cover” on page 33
- “1020 Battery pack” on page 37
- “1030 PCI Express Mini Card for wireless LAN” on page 41
- “1040 Speakers” on page 44

Attention:

- **Do not drop the hard disk drive or apply any physical shock to it.** The hard disk drive is sensitive to physical shock. Improper handling can cause damages and permanent loss of data.
- Before removing the drive, suggest the customer to backup all the information on it if possible.
- Never remove the drive while the system is operating or is in suspend mode.

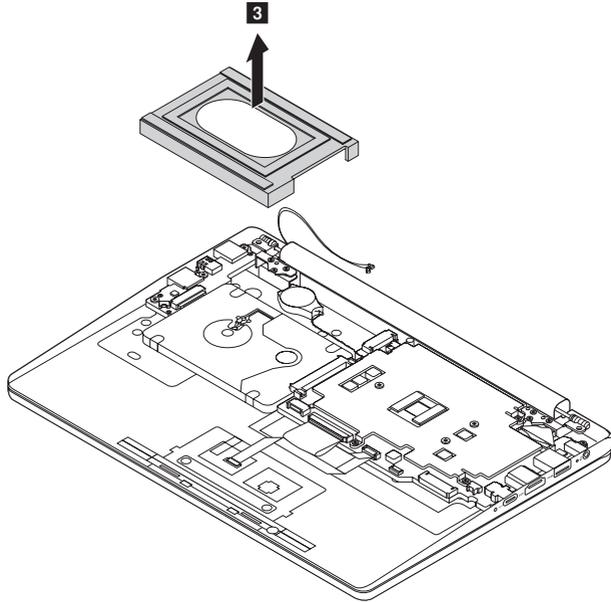
Figure 6. Removal steps of hard disk drive

Remove the screws **1**. Then remove the HDD bracket **2**.

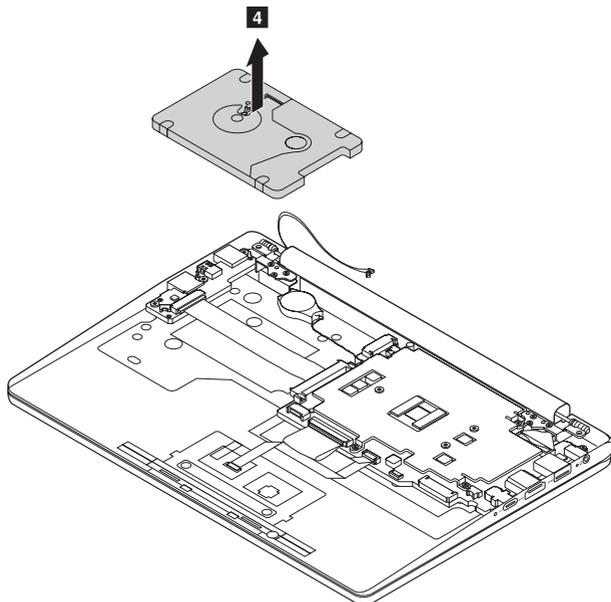


Step	Screw (quantity)	Color	Torque
1	M2X3mm, Phillips-head (3)	Black	2.0±0.2kgf.cm

Remove the HDD door shielding **3**.



Remove the HDD **4**.



1070 IO board

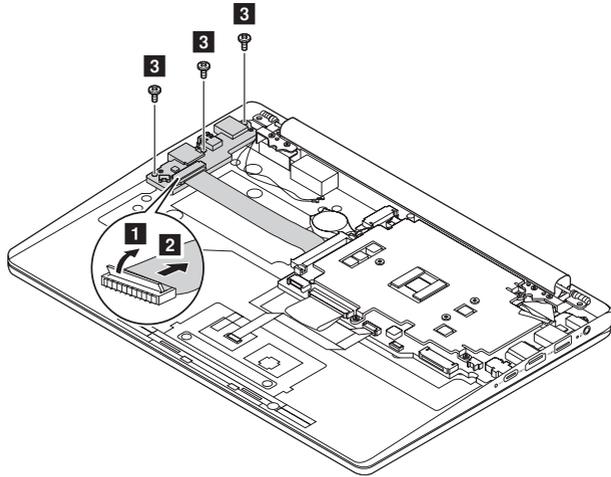
For access, remove these FRUs in order:

- “1010 Base cover” on page 33
- “1020 Battery pack” on page 37
- “1030 PCI Express Mini Card for wireless LAN” on page 41
- “1040 Speakers” on page 44
- “1050 SSD card (on select models)” on page 46
- “1060 Hard disk drive (on select models)” on page 48

Figure 7. Removal steps of IO board

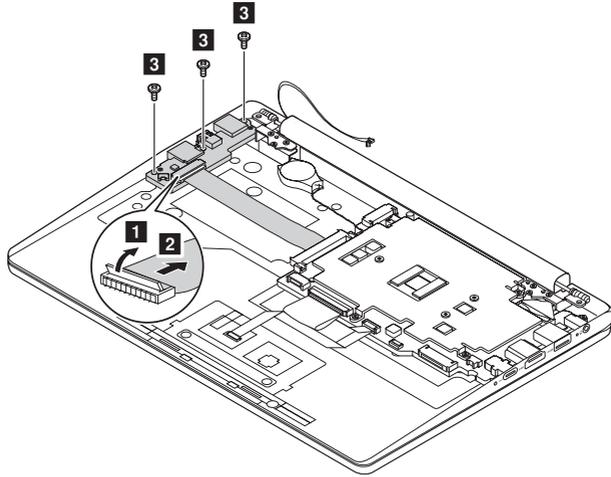
Detach the IO board connector in the directions shown by arrows **1** and **2**.
Remove the screws **3**.

ideapad S130-11IGM/ideapad 130S-11IGM (without HDD)



Step	Screw (quantity)	Color	Torque
3	M2X2.5mm, Phillips-head (3)	Silver	2.0±0.2kgf.cm

ideapad S130-11IGM/ideapad 130S-11IGM (with HDD)

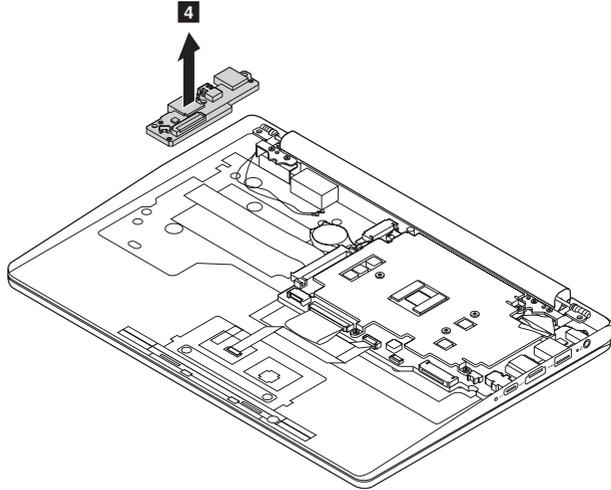


Step	Screw (quantity)	Color	Torque
3	M2X2.5mm, Phillips-head (3)	Silver	2.0±0.2kgf.cm

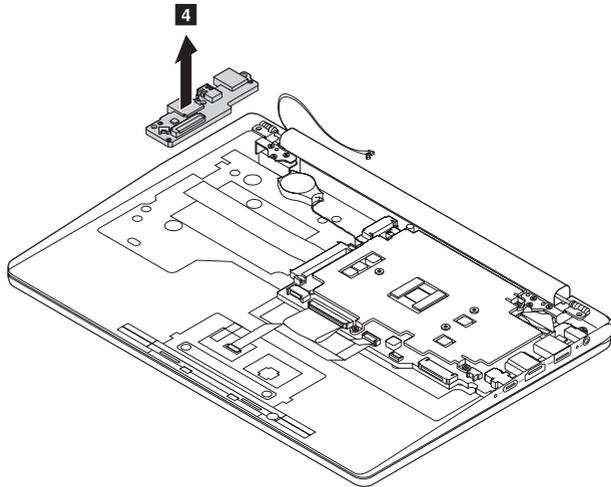
When installing: Make sure that the connector is attached firmly.

Remove the IO board in the direction shown by arrow **4**.

ideapad S130-11IGM/ideapad 130S-11IGM (without HDD)



ideapad S130-11IGM/ideapad 130S-11IGM (with HDD)



1080 RT battery

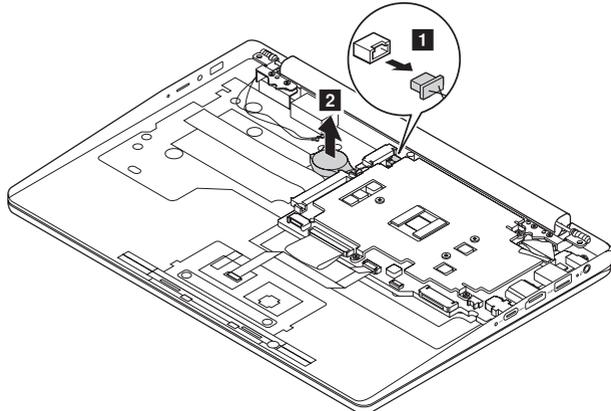
For access, remove these FRUs in order:

- “1010 Base cover” on page 33
- “1020 Battery pack” on page 37
- “1030 PCI Express Mini Card for wireless LAN” on page 41
- “1040 Speakers” on page 44
- “1050 SSD card (on select models)” on page 46
- “1060 Hard disk drive (on select models)” on page 48
- “1070 IO board” on page 50

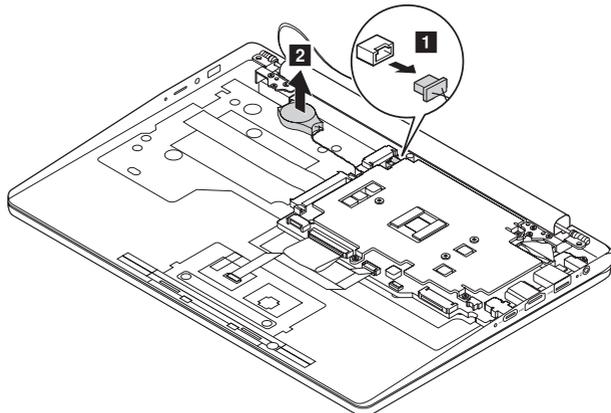
Figure 8. Removal steps of RT battery

Unplug the connector in the direction shown by arrow **1**. Then remove the RT battery **2**.

ideapad S130-11IGM/ideapad 130S-11IGM (without HDD)



ideapad S130-11IGM/ideapad 130S-11IGM (with HDD)



1090 System board

Important notices for handling the system board:

When handling the system board, bear the following in mind.

- Be careful not to drop the system board on a bench top that has a hard surface, such as metal, wood, or composite.
- Avoid rough handling of any kind.
- During the whole process, make sure not to drop or stack the system board.
- If you put a system board down, make sure to put it only on a padded surface such as an ESD mat or conductive corrugated material.

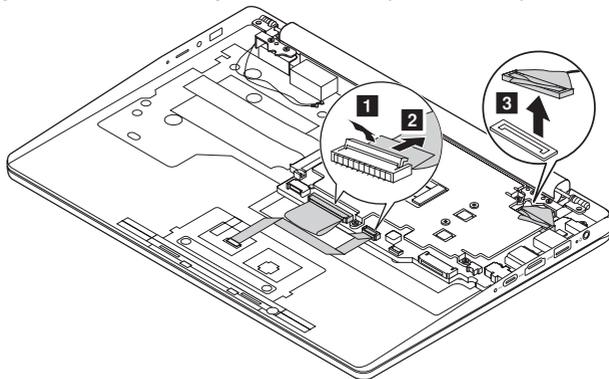
For access, remove these FRUs in order:

- “1010 Base cover” on page 33
- “1020 Battery pack” on page 37
- “1030 PCI Express Mini Card for wireless LAN” on page 41
- “1040 Speakers” on page 44
- “1050 SSD card (on select models)” on page 46
- “1060 Hard disk drive (on select models)” on page 48
- “1070 IO board” on page 50
- “1080 RT battery” on page 53

Figure 9. Removal steps of system board

Detach the keyboard FPC connector, touchpad cable connector and the EDP cable connector in the directions shown by arrows **1**, **2** and **3**.

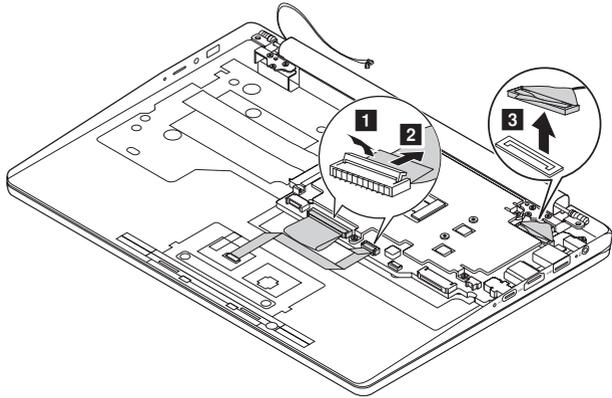
ideapad S130-11IGM/ideapad 130S-11IGM (without HDD)



Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ideapad 130S-11IGM/
ideapad 130S-14IGM

Figure 9. Removal steps of system board (continued)

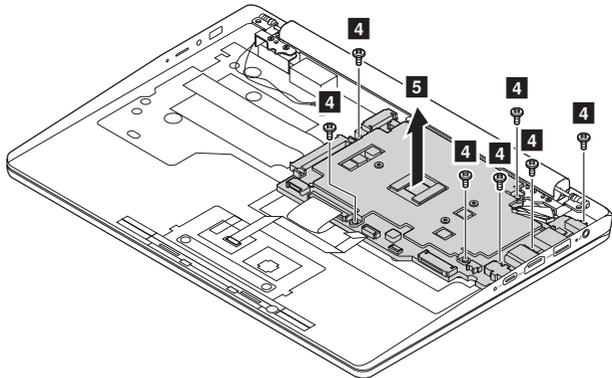
ideapad S130-11IGM/ideapad 130S-11IGM (with HDD)



When installing: Make sure that the connectors are attached firmly.

Remove the screws **4**. Then remove the system board **5**.

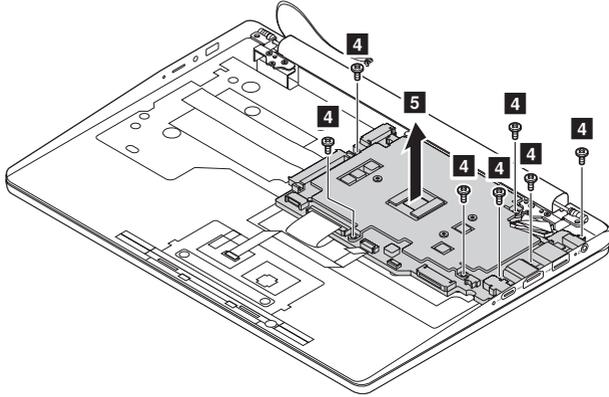
ideapad S130-11IGM/ideapad 130S-11IGM (without HDD)



Step	Screw (quantity)	Color	Torque
5	M2X2.5mm, Phillips head(7)	Silver	2.0±0.2kgf.cm

Figure 9. Removal steps of system board (continued)

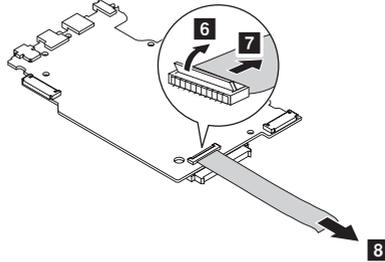
ideapad S130-11IGM/ideapad 130S-11IGM (with HDD)



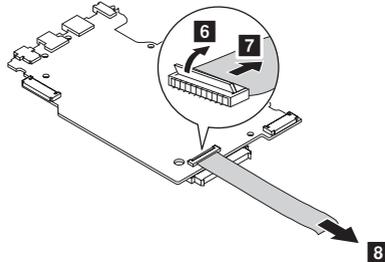
Step	Screw (quantity)	Color	Torque
3	M2X2.5mm, Phillips head(7)	Black	2.0±0.2kgf.cm

Turn over the system board. Disconnect the connector in the directions shown by arrows 6 and 7. Remove the LCD cable 8.

ideapad S130-11IGM/ideapad 130S-11IGM (without HDD)



ideapad S130-11IGM/ideapad 130S-11IGM (with HDD)



When installing: Make sure that the connectors are attached firmly.

1100 Upper case

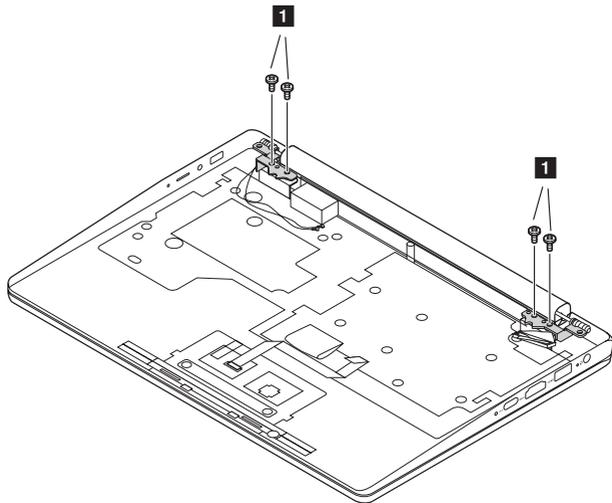
For access, remove these FRUs in order:

- “1010 Base cover” on page 33
- “1020 Battery pack” on page 37
- “1030 PCI Express Mini Card for wireless LAN” on page 41
- “1040 Speakers” on page 44
- “1050 SSD card (on select models)” on page 46
- “1060 Hard disk drive (on select models)” on page 48
- “1070 IO board” on page 50
- “1080 RT battery” on page 53
- “1090 System board” on page 54

Figure 10. Removal steps of upper case

Remove the screws ■.

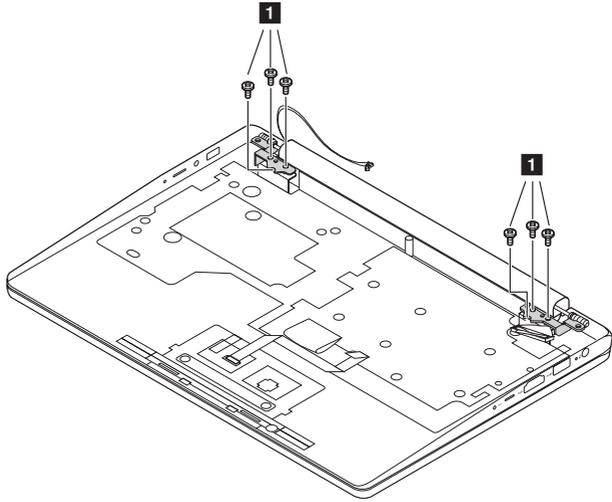
ideapad S130-11IGM/ideapad 130S-11IGM (without HDD)



Step	Screw (quantity)	Color	Torque
■	M2.5X5mm, Phillips-head(4)	Black	3±0.3 kgf.cm

Figure 10. Removal steps of upper case (continued)

ideapad S130-11IGM/ideapad 130S-11IGM (with HDD)



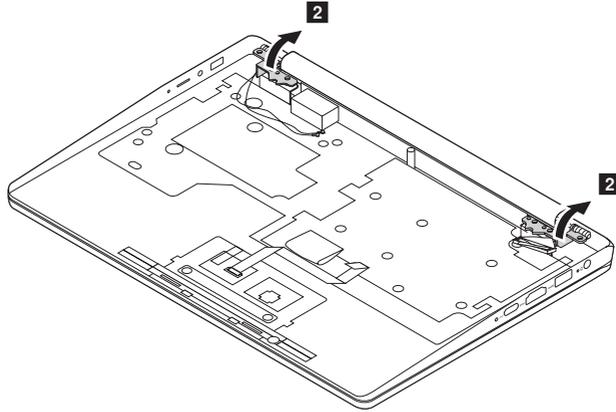
Step	Screw (quantity)	Color	Torque
■	M2.5X5mm, Phillips-head(6)	Black	3±0.3 kgf.cm

Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ideapad 130S-11IGM/
ideapad 130S-14IGM

Figure 10. Removal steps of Upper case (continued)

Open the hinge in the directions shown by arrows **2**.

ideapad S130-11IGM/ideapad 130S-11IGM (without HDD)



ideapad S130-11IGM/ideapad 130S-11IGM (with HDD)

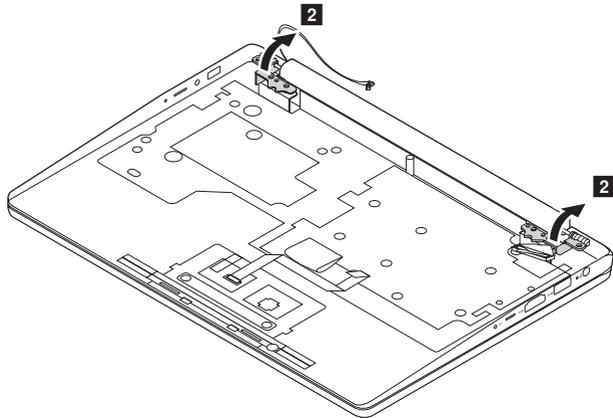
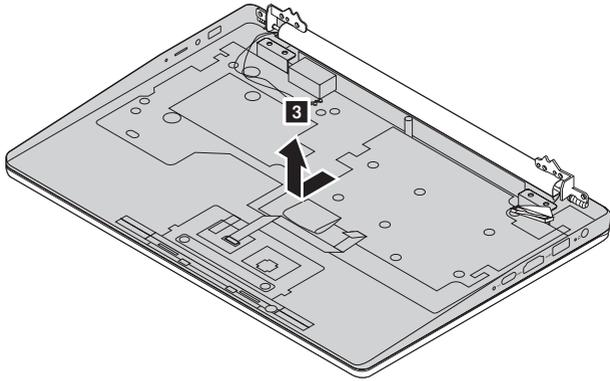


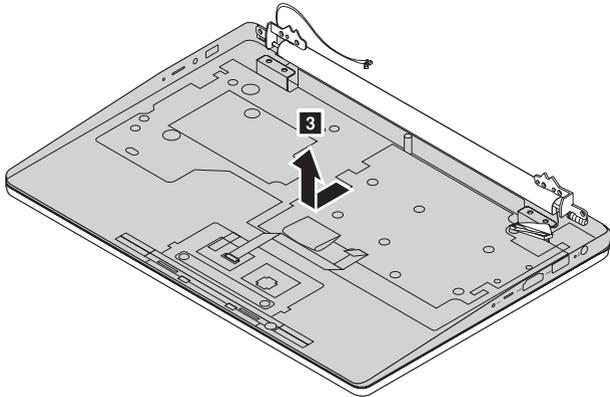
Figure 10. Removal steps of Upper case (continued)

Remove the upper case from the LCD module in the direction shown by arrow **3**.

ideapad S130-11IGM/ideapad 130S-11IGM (without HDD)



ideapad S130-11IGM/ideapad 130S-11IGM (with HDD)



1110 LCD unit

For access, remove these FRUs in order:

- “1010 Base cover” on page 33
- “1020 Battery pack” on page 37
- “1030 PCI Express Mini Card for wireless LAN” on page 41
- “1040 Speakers” on page 44
- “1050 SSD card (on select models)” on page 46
- “1060 Hard disk drive (on select models)” on page 48
- “1070 IO board” on page 50
- “1080 RT battery” on page 53
- “1090 System board” on page 54
- “1100 Upper case” on page 57

Figure 11. Removal steps of LCD unit

Use a prying tool to separate the LCD cover in the directions shown by arrows ■.

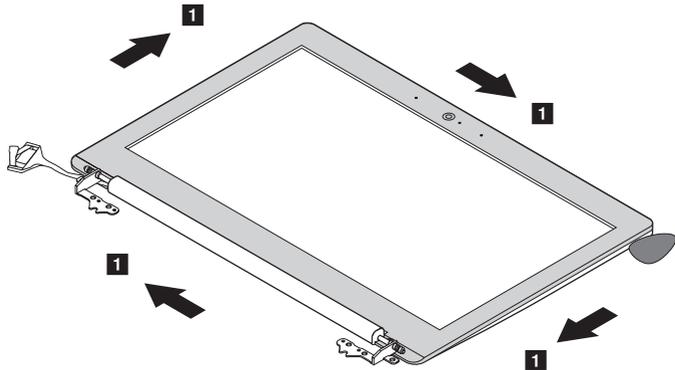
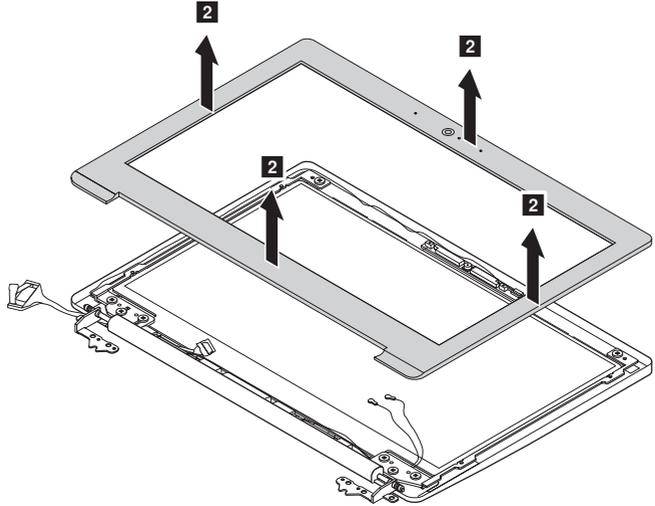


Figure 11. Removal steps of LCD unit (continued)

Remove the LCD cover **2**.



Unlock the hinge cap and remove it in the direction shown by arrow **3**.

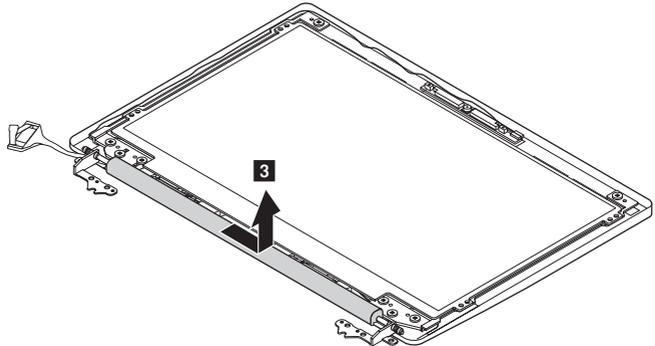
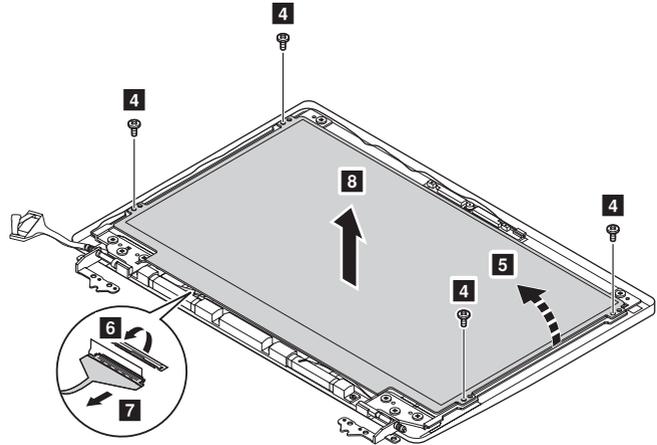


Figure 11. Removal steps of LCD unit (continued)

Remove the screws **4**. Turn over the LCD panel in the direction shown by arrow **5**. Then detach the LCD cable connector in the directions shown by arrows **6** and **7**. Remove the LCD panel **8**.



Step	Screw (quantity)	Color	Torque
4	M2X2mm, Phillips-head(4)	Silver	2.0±0.2kgf.cm

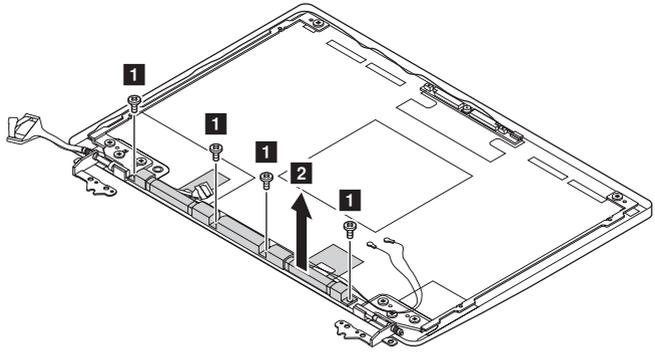
1120 Wi-Fi antenna module

For access, remove these FRUs in order:

- “1010 Base cover” on page 33
- “1020 Battery pack” on page 37
- “1030 PCI Express Mini Card for wireless LAN” on page 41
- “1040 Speakers” on page 44
- “1050 SSD card (on select models)” on page 46
- “1060 Hard disk drive (on select models)” on page 48
- “1070 IO board” on page 50
- “1080 RT battery” on page 53
- “1090 System board” on page 54
- “1100 Upper case” on page 57
- “1110 LCD unit” on page 61

Figure 12. Removal steps of Wi-Fi antenna module

Remove the screws **■**. Peel off the tape that secures the Wi-Fi antenna module to the LCD cover. Then remove the Wifi antenna module **2**.



Step	Screw (quantity)	Color	Torque
■	M1.6X3.5mm, Phillips-head(4)	Black	1.85±0.15kgf.cm

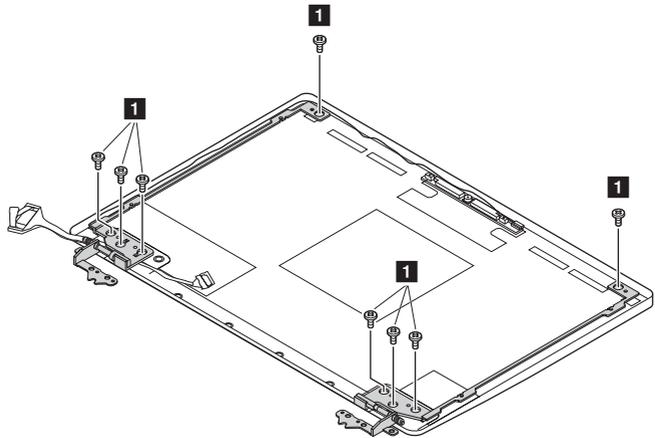
1130 LCD hinges, MIC board and integrated camera

For access, remove these FRUs in order:

- “1010 Base cover” on page 33
- “1020 Battery pack” on page 37
- “1030 PCI Express Mini Card for wireless LAN” on page 41
- “1040 Speakers” on page 44
- “1050 SSD card (on select models)” on page 46
- “1060 Hard disk drive (on select models)” on page 48
- “1070 IO board” on page 50
- “1080 RT battery” on page 53
- “1090 System board” on page 54
- “1100 Upper case” on page 57
- “1110 LCD unit” on page 61
- “1120 WiFi antenna module” on page 64

Figure 13. Removal steps of LCD hinges, MIC board and integrated camera

Remove the screws ■.



Step	Screw (quantity)	Color	Torque
■	M2X2mm, Phillips-head(8)	Black	2.0±0.2kgf.cm

Figure 13. Removal steps of LCD hinges, MIC board and integrated camera (continued)

Remove the LCD hinges in the directions shown by arrows **2**.

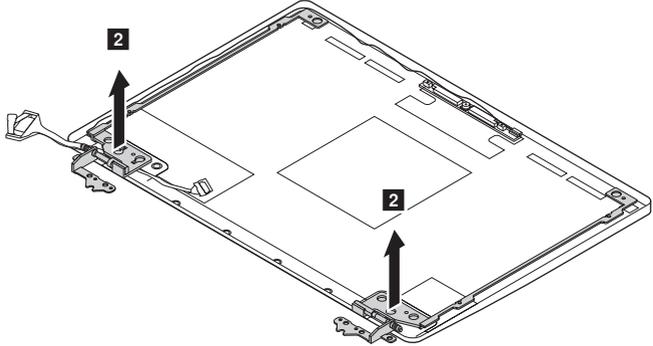


Figure 13. LCD hinges and integrated camera

Unplug the cable connector in the direction shown by arrow **3**.

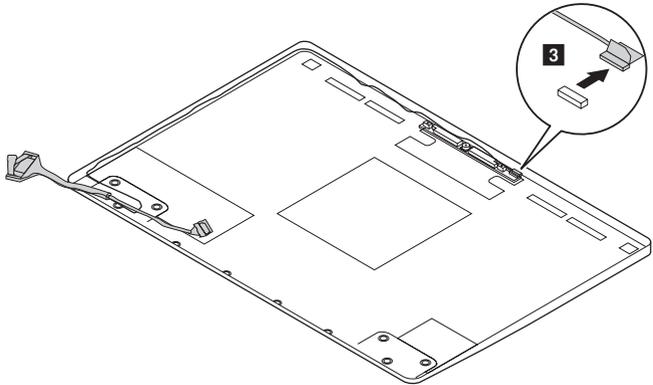
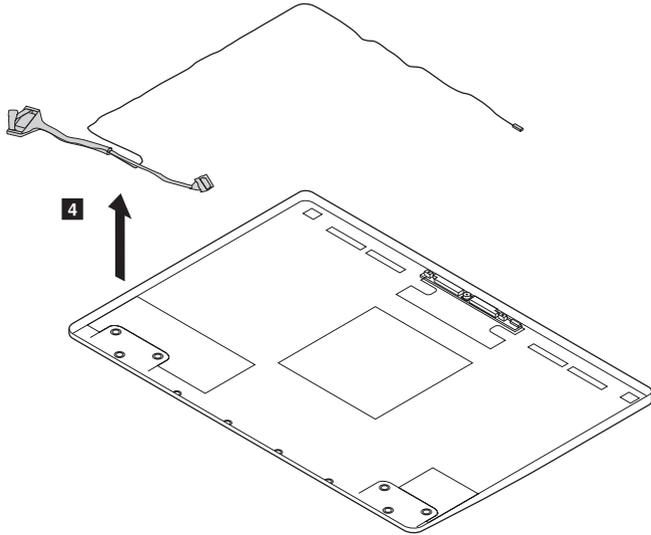
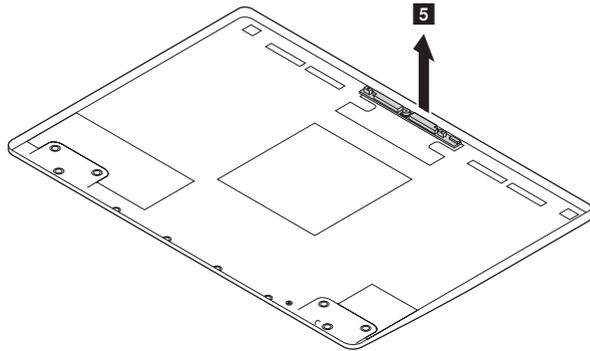


Figure 13. LCD hinges and integrated camera (continued)

Release the LCD cable from the cable guides. Then remove the LCD cable **4**.



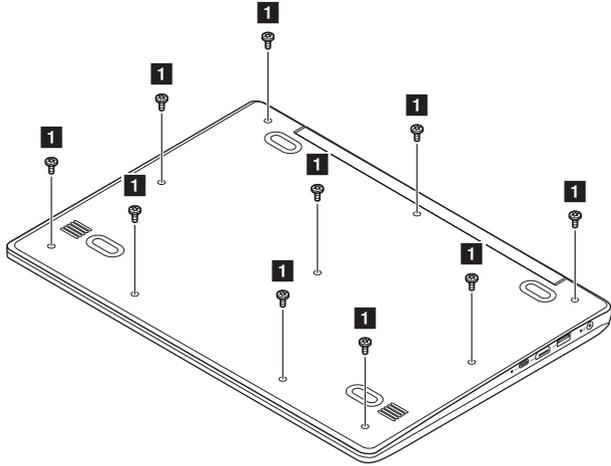
Remove MIC board and integrated camera in the directions shown by arrows **5**.



Lenovo ideapad S130-14IGM/ideapad 130S-14IGM 1010 Base cover

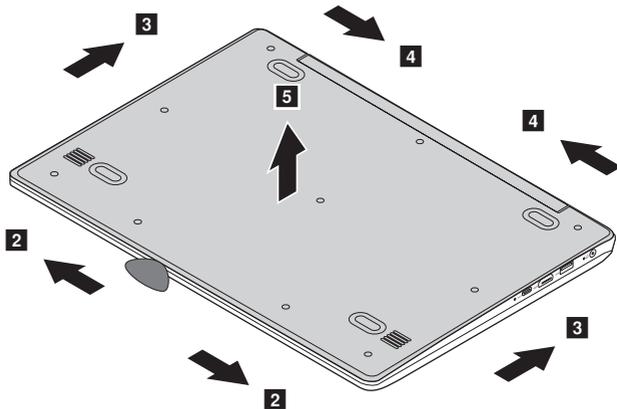
Figure 1. Removal steps of base cover

Remove the screws **1**.



Step	Screw (quantity)	Color	Torque
■	M2.5×5mm, Torx-head (10)	Silver	3kg±0.3 kgf.cm

Use a prying tool to separate the base cover from the upper case in the directions shown by arrows **2**, **3**, **4**. Remove the base cover **5**.



Note: Applying labels to the base cover

The new base cover FRU is shipped with a kit containing labels of several kinds. When you replace the base cover, you need to apply the following labels:

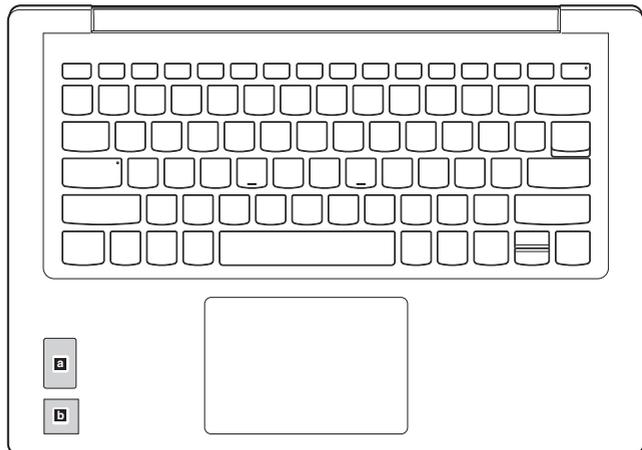
The following labels need to be peeled off from the old base cover and put on the new base cover.

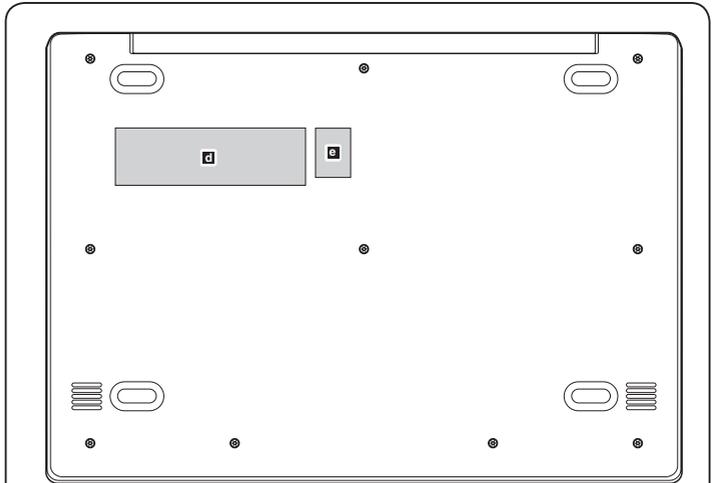
- a** QR label
- b** Intel label
- c** Office OPP 2017 label
- d** Print label
- e** Windows label

For some models, you also need to apply one or two FCC labels. Check the old base cover; if it has one or two FCC labels, find duplicates of them in the label kit and apply them to the new base cover.

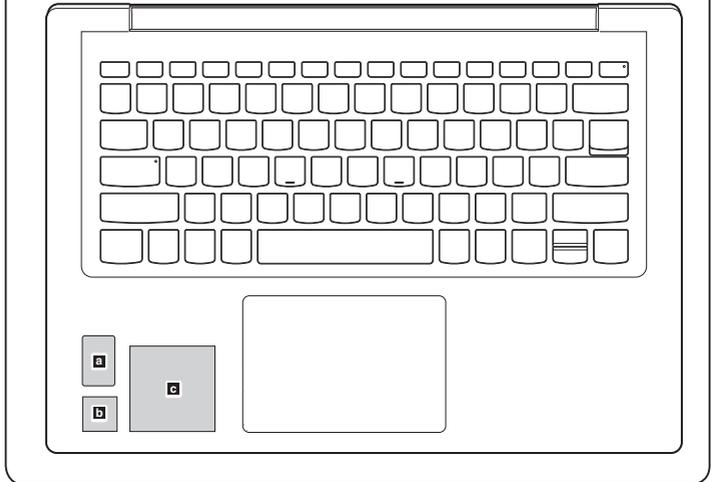
For the location of each label, refer to the following figures:

For China:

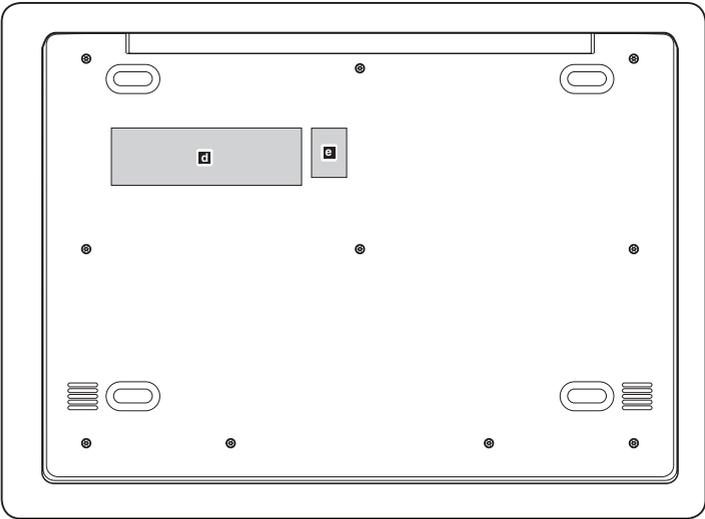




For countries other than China:



*Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ideapad 130S-11IGM/
ideapad 130S-14IGM*



1020 PCI Express Mini Card for wireless LAN

For access, remove these FRUs in order:

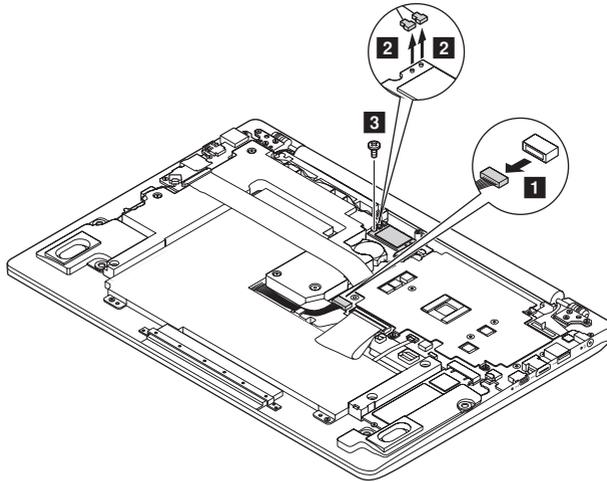
- “1010 Base cover” on page 68

Important:

The preinstalled WLAN module may only be replaced with a Lenovo approved module in order to comply with FCC and IC regulations. Refer to Table 4 “Parts list—Overall” on page 75 for Lenovo part numbers for the approved modules.

Figure 2. Removal steps of PCI Express Mini Card for wireless LAN

Unplug the battery pack connector in the direction shown by arrow **1**. Disconnect the two wireless LAN cables (black, grey) **2**, and then remove the screw **3**.

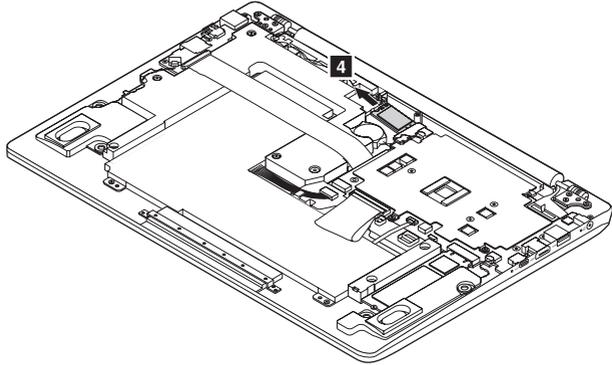


In step **1**, unplug the jacks by using the removal tool antenna RF connector (P/N: 08K7159), or pick up the connectors with your fingers and gently unplug them in the directions shown by the arrows.

Step	Screw (quantity)	Color	Torque
3	M2X2mm, Phillips-head (1)	Silver	2.0±0.2 kgf.cm

Figure 2. Removal steps of PCI Express Mini Card for wireless LAN (continued)

Remove the card in the direction shown by arrow **4**.



When installing:

- Plug the black cable (1st) (MAIN) into the jack labeled **MAIN**, and the grey cable (2nd) (AUX) into the jack labeled **AUX** on the card.

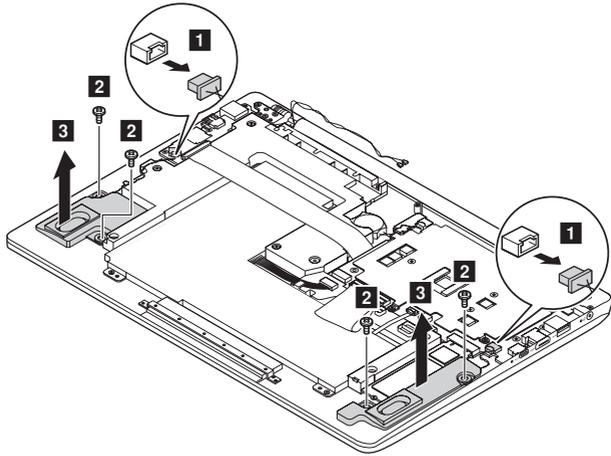
1030 Speakers

For access, remove these FRUs in order:

- “1010 Base cover” on page 68
- “1020 PCI Express Mini Card for wireless LAN” on page 72

Figure 3. Removal steps of speakers

Unplug the speaker connectors **1**. Remove the screws **2**. Then remove the speakers **3**.



1040 Battery pack

⚠ DANGER

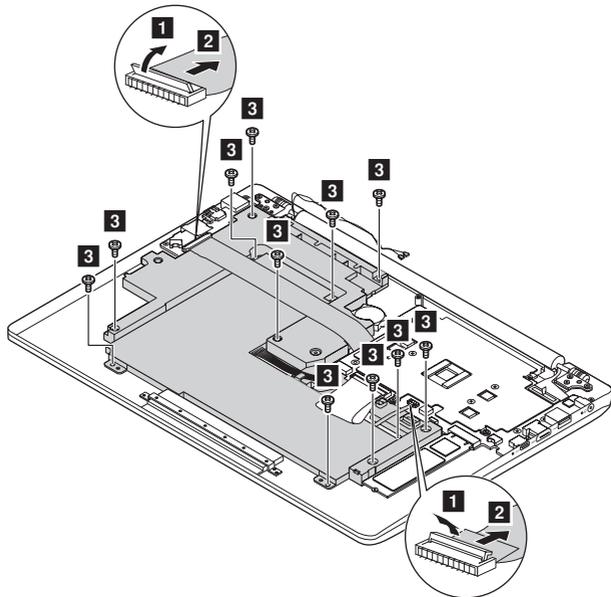
Only use the battery specified in the parts list for your computer. Any other battery could ignite or explode.

For access, remove this FRU:

- “1010 Base cover” on page 68
- “1020 PCI Express Mini Card for wireless LAN” on page 72
- “1030 Speakers” on page 74

Figure 4. Removal steps of battery pack

Detach the IO board connector and touchpad cable connector in the directions shown by arrows **1** and **2**. Then remove the screws **3**.



Step	Screw (quantity)	Color	Torque
3	M2X2mm, Phillips-head (11)	Black	2.0±0.2 kgf.cm

Figure 4. Removal steps of battery pack (continued)

Remove the battery pack in the direction shown by arrow **4**.

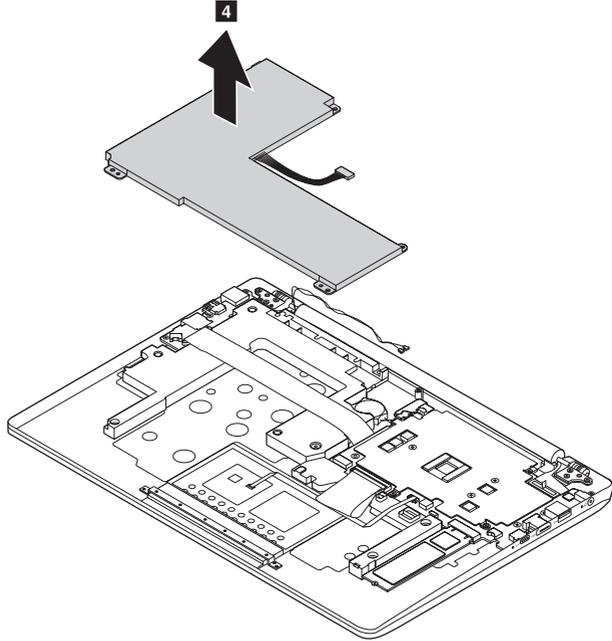
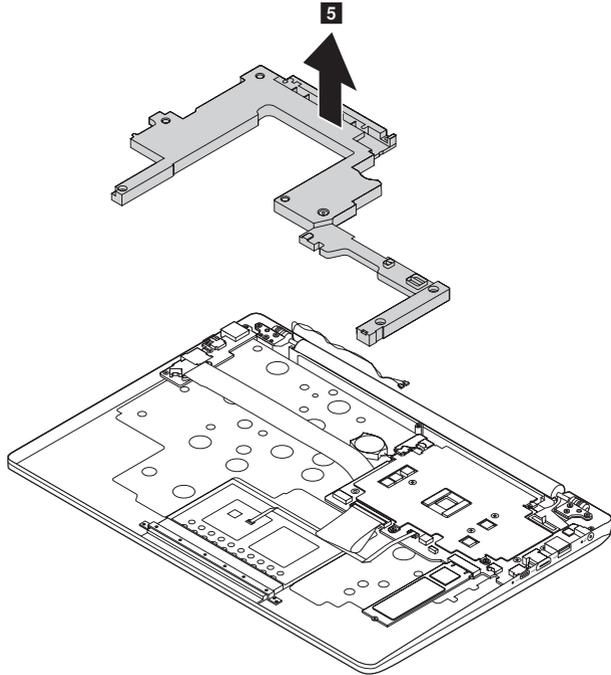


Figure 4. Removal steps of battery pack (continued)

Remove the battery holder in the direction shown by arrow **5**.



1050 SSD card

For access, remove these FRUs in order:

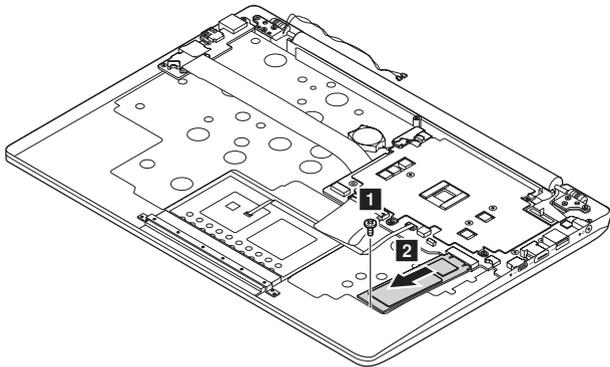
- “1010 Base cover” on page 68
- “1020 PCI Express Mini Card for wireless LAN” on page 72
- “1030 Speakers” on page 74
- “1040 Battery pack” on page 75

Attention:

- **Do not drop the SSD card or apply any physical shock to it.** The SSD card is sensitive to physical shock. Improper handling can cause damage and permanent loss of data.
- Before removing the SSD card, suggest the customer backup all the information on it if possible.
- Never remove the SSD card while the system is operating or in suspend mode.

Figure 5. Removal steps of SSD card

Remove the screw **1**. Then remove the SSD card in the direction shown by arrow **2**.



Step	Screw (quantity)	Color	Torque
2	M2X2mm, Phillips-head (1)	Silver	2.0±0.2 kgf.cm

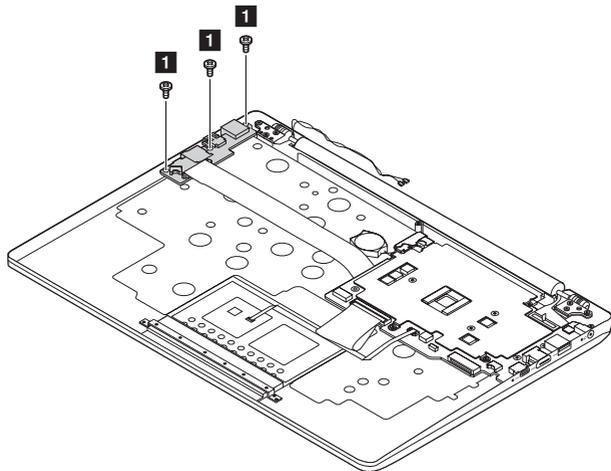
1060 IO board

For access, remove these FRUs in order:

- “1010 Base cover” on page 68
- “1020 PCI Express Mini Card for wireless LAN” on page 72
- “1030 Speakers” on page 74
- “1040 Battery pack” on page 75
- “1050 SSD card” on page 78

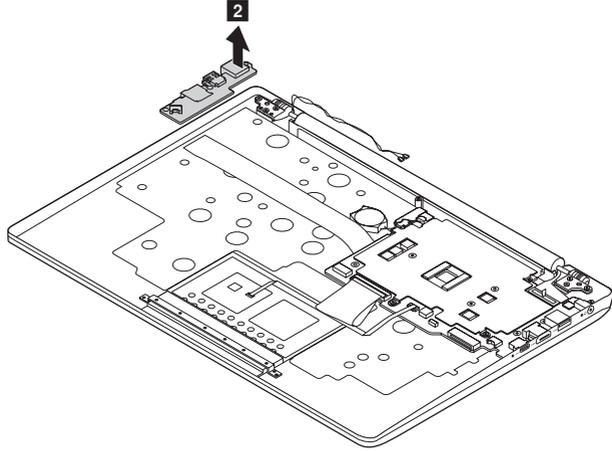
Figure 6. Removal steps of IO board

Remove the screws ■.



Step	Screw (quantity)	Color	Torque
■	M2X2mm, Phillips head (3)	Black	2.0±0.2 kgf.cm

Remove the IO board **2**.



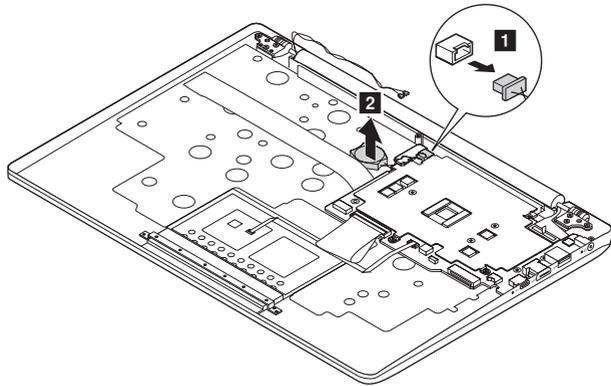
1070 RT battery

For access, remove these FRUs in order:

- “1010 Base cover” on page 68
- “1020 PCI Express Mini Card for wireless LAN” on page 72
- “1030 Speakers” on page 74
- “1040 Battery pack” on page 75
- “1050 SSD card” on page 78
- “1060 IO board” on page 79

Figure 7. Removal steps of RT battery

Unplug the connector in the direction shown by arrow **1**. Then remove the RT battery **2**.



1080 System board

Important notices for handling the system board:

When handling the system board, bear the following in mind.

- Be careful not to drop the system board on a bench top that has a hard surface, such as metal, wood, or composite.
- Avoid rough handling of any kind.
- During the whole process, make sure not to drop or stack the system board.
- If you put a system board down, make sure to put it only on a padded surface such as an ESD mat or conductive corrugated material.

For access, remove these FRUs in order:

- “1010 Base cover” on page 68
- “1020 PCI Express Mini Card for wireless LAN” on page 72
- “1030 Speakers” on page 74
- “1040 Battery pack” on page 75
- “1050 SSD card” on page 78
- “1060 IO board” on page 79
- “1070 RT battery” on page 81

Figure 8. Removal steps of system board

Detach the keyboard FPC connector and the EDP cable connector in the directions shown by arrows **1**, **2** and **3**.

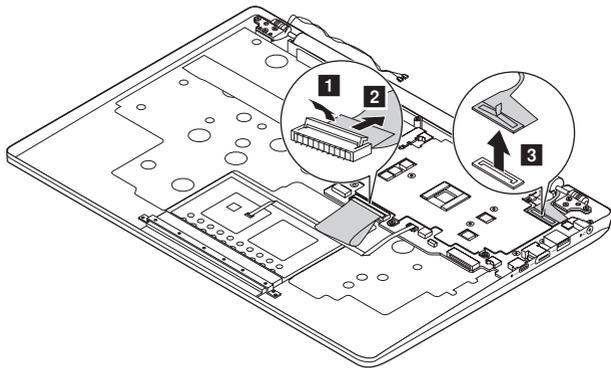
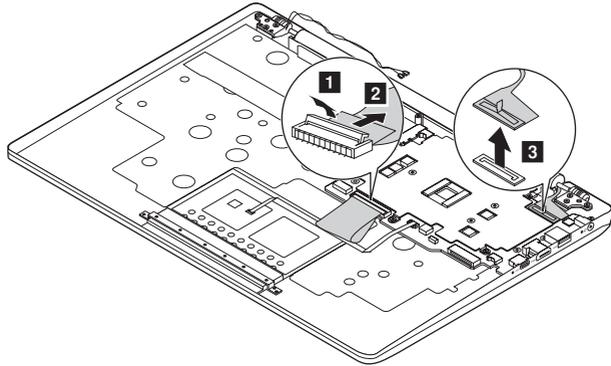


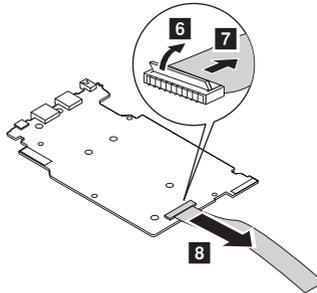
Figure 8. Removal steps of system board (continued)

Remove the screws **4** and system board **5**.



Step	Screw (quantity)	Color	Torque
4	M2X2mm, Phillips-head (1)	Black	2.0±0.2 kgf.cm

Turn over the system board. Detach the connector in the directions shown by arrows **6** and **7**. Then remove the IO board cable **8**.



When installing: Make sure that the connectors are attached firmly.

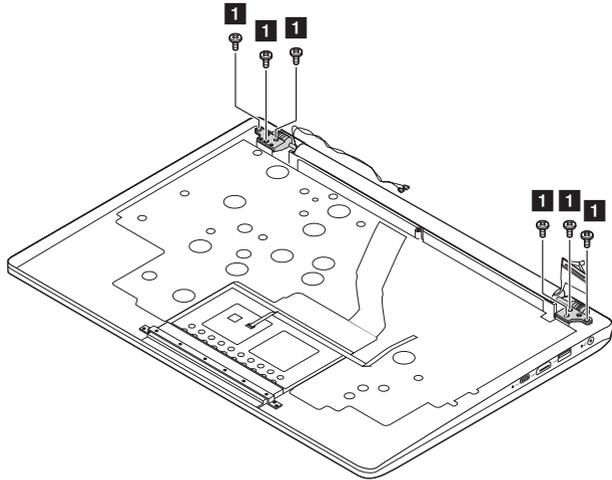
1090 Upper case

For access, remove these FRUs in order:

- “1010 Base cover” on page 68
- “1020 PCI Express Mini Card for wireless LAN” on page 72
- “1030 Speakers” on page 74
- “1040 Battery pack” on page 75
- “1050 SSD card” on page 78
- “1060 IO board” on page 79
- “1070 RT battery” on page 81
- “1080 System board” on page 82

Figure 9. Removal steps of upper case

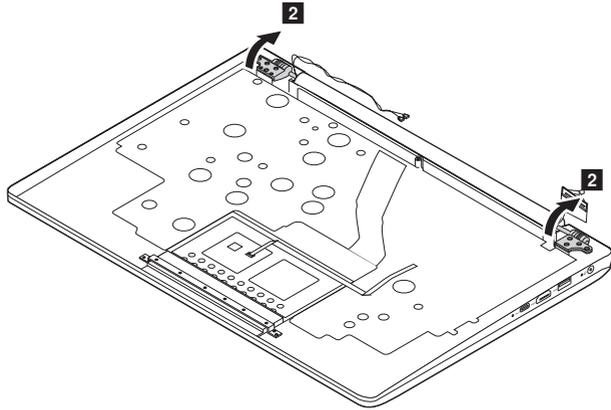
Remove the screws **■**.



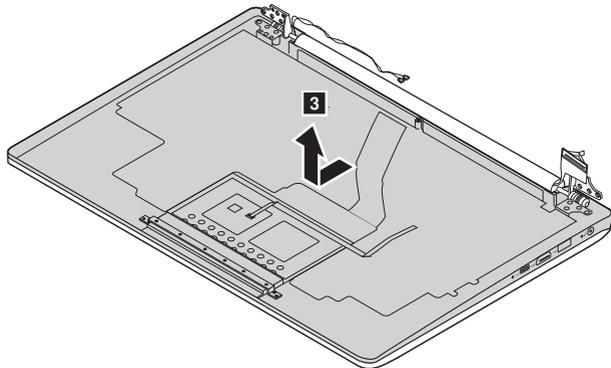
Step	Screw (quantity)	Color	Torque
■	M1.6X1.8mm, Phillips-head (6)	Sliver	1.85±0.15kgf.cm

Figure 9. Removal steps of Upper case (continued)

Open the hinge in the directions shown by arrows **2**.



Remove the upper case from the LCD module in the direction shown by arrow **3**.



1100 LCD unit

For access, remove these FRUs in order:

- “1010 Base cover” on page 68
- “1020 PCI Express Mini Card for wireless LAN” on page 72
- “1030 Speakers” on page 74
- “1040 Battery pack” on page 75
- “1050 SSD card” on page 78
- “1060 IO board” on page 79
- “1070 RT battery” on page 81
- “1080 System board” on page 82
- “1090 Upper case” on page 84

Figure 10. Removal steps of LCD unit

Use a prying tool to separate the LCD cover in the directions shown by arrows ■.

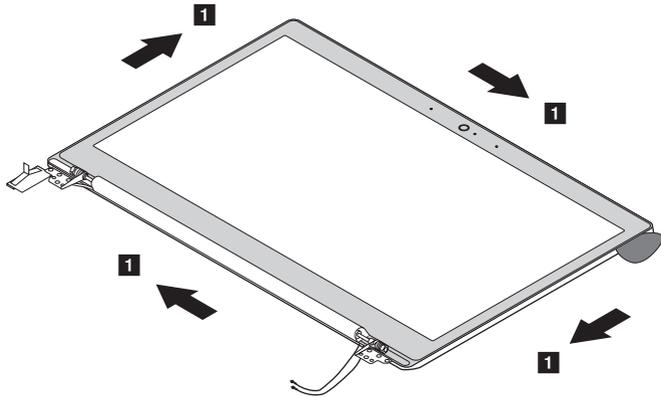
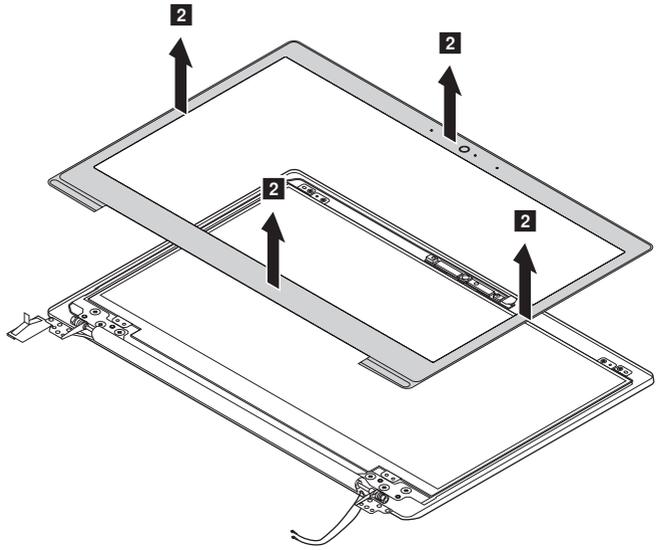
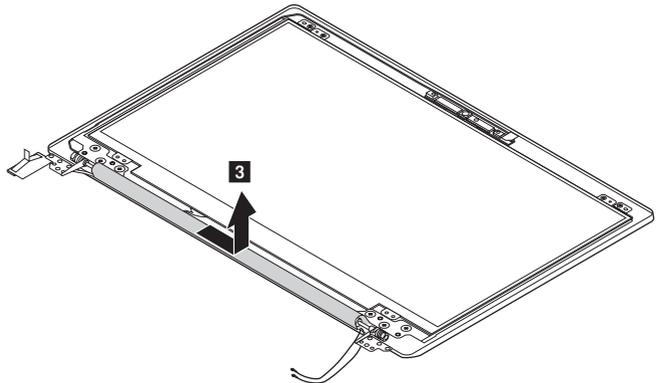


Figure 10. Removal steps of LCD unit (continued)

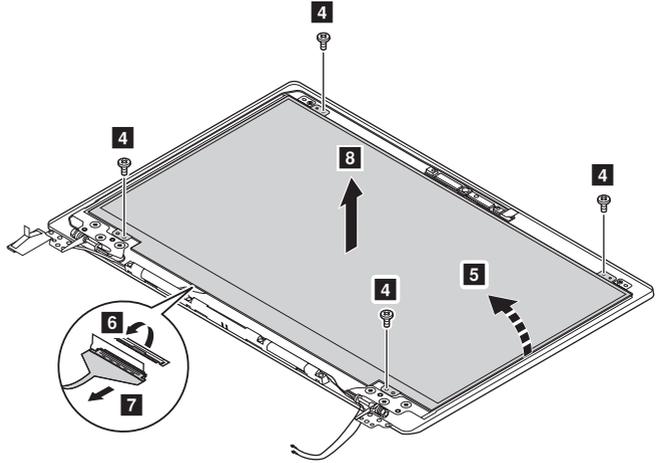
Remove the LCD cover **2**.



Unlock the hinge cover and remove it in the direction shown by arrow **3**.



Remove the screws **4**. Turn over the LCD panel in the direction shown by arrow **5**. Then detach the LCD cable connector in the directions shown by arrows **6** and **7**. Remove the LCD panel **8**.



Step	Screw (quantity)	Color	Torque
4	M2X2mm, Phillips-head (4)	Black	2.0±0.2 kgf.cm

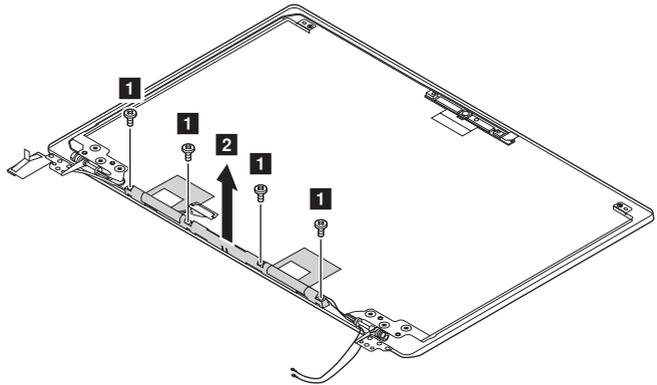
1110 Wi-Fi antenna module

For access, remove these FRUs in order:

- “1010 Base cover” on page 68
- “1020 PCI Express Mini Card for wireless LAN” on page 72
- “1030 Speakers” on page 74
- “1040 Battery pack” on page 75
- “1050 SSD card” on page 78
- “1060 IO board” on page 79
- “1070 RT battery” on page 81
- “1080 System board” on page 82
- “1090 Upper case” on page 84
- “1100 LCD unit” on page 86

Figure 11. Removal steps of Wi-Fi antenna module

Remove the screws **1**. Peel off the tape that secures the Wi-Fi antenna module to the LCD cover. Then remove the Wi-Fi antenna module **2**.



Step	Screw (quantity)	Color	Torque
1	M2X3mm, Phillips-head (4)	Black	2.0±0.2 kgf.cm

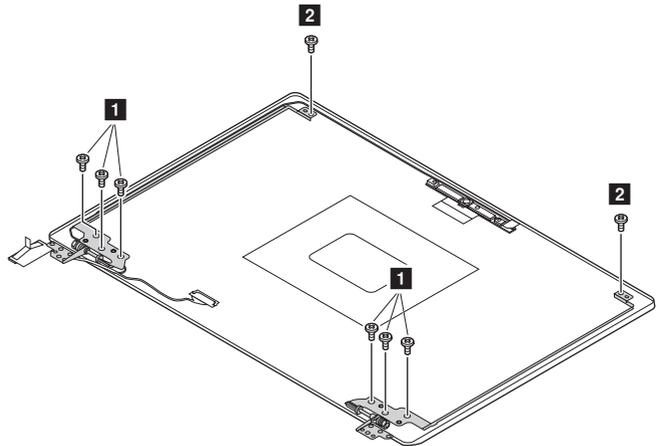
1120 LCD hinges, MIC board and integrated camera

For access, remove these FRUs in order:

- “1010 Base cover” on page 68
- “1020 PCI Express Mini Card for wireless LAN” on page 72
- “1030 Speakers” on page 74
- “1040 Battery pack” on page 75
- “1050 SSD card” on page 78
- “1060 IO board” on page 79
- “1070 RT battery” on page 81
- “1080 System board” on page 82
- “1090 Upper case” on page 84
- “1100 LCD unit” on page 86
- “1110 WiFi antenna module” on page 89

Figure 12. Removal steps of LCD hinges, MIC board and integrated camera

Remove screws **1** and **2**.



Step	Screw (quantity)	Color	Torque
1	M2X2.5mm, Phillips-head (6)	Black	2.0±0.2kgf.cm
2	M2X2.5mm, Phillips-head (2)	Black	2.0±0.2kgf.cm

Figure 12. Removal steps of LCD hinges, MIC board and integrated camera
(continued)

Remove the LCD hinges in the directions shown by arrows **3**.

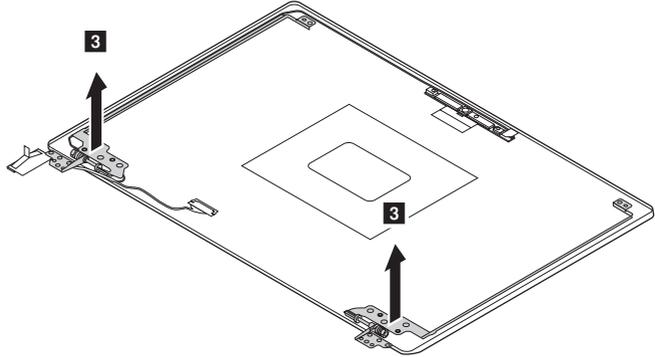
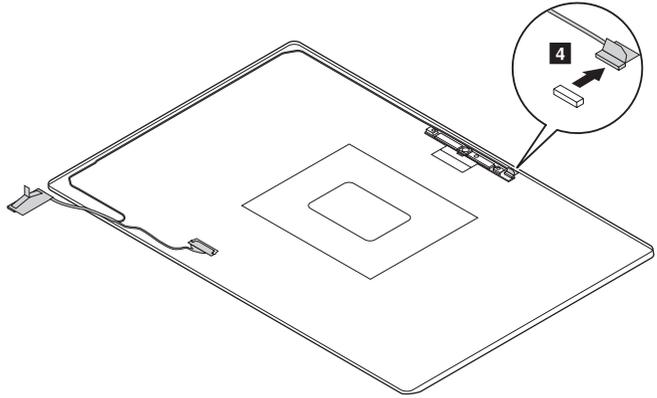


Figure 12. LCD hinges and integrated camera

Unplug the cable connector in the direction shown by arrow **4**.



Release the LCD cable from the cable guides. Then remove the LCD cable **5**.

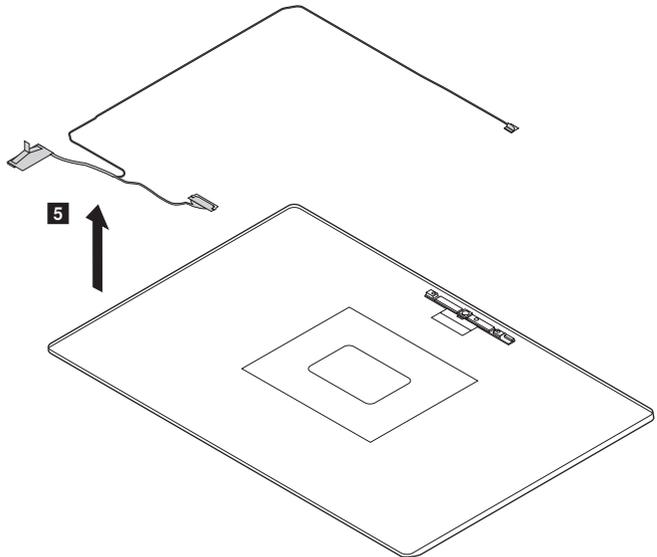
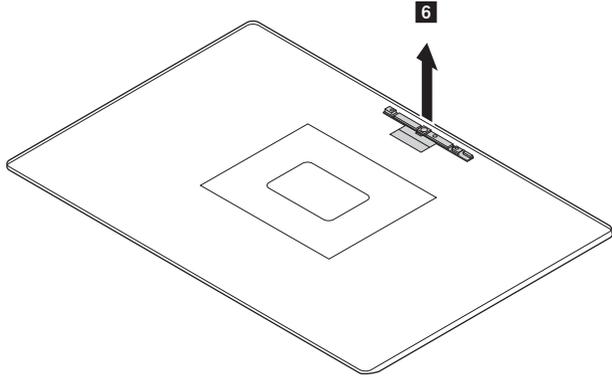


Figure 12. LCD hinges and integrated camera (continued)

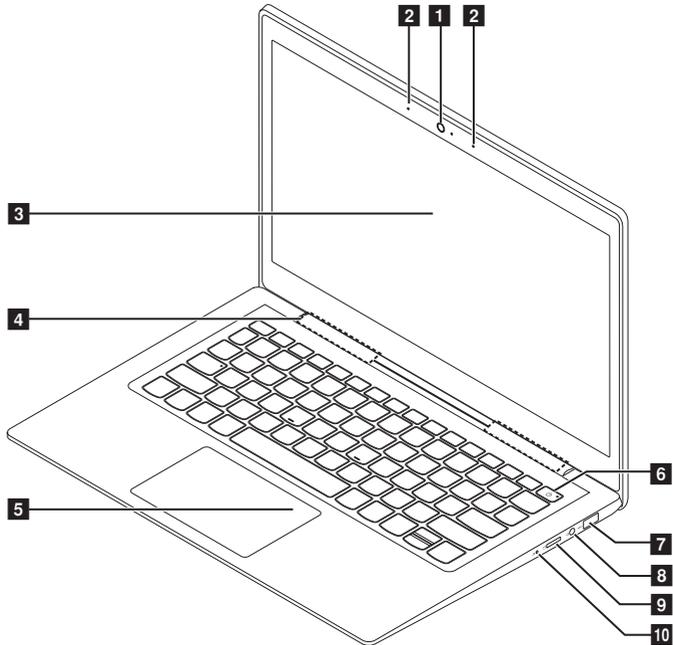
Remove MIC board and integrated camera in the directions shown by arrows **6**.



Locations

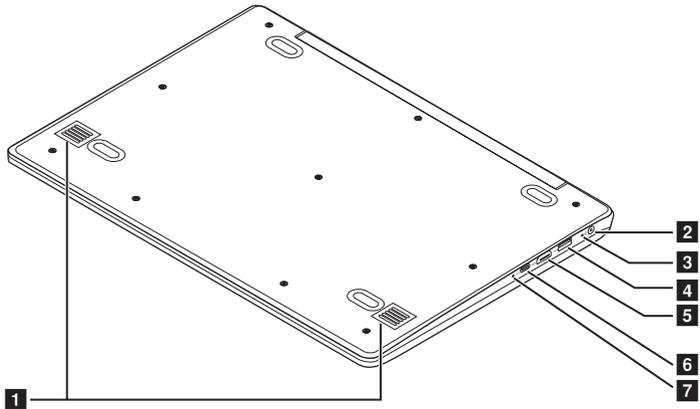
Front view and right-side view

- Integrated camera
- 2 Built-in microphone
- 3 Computer display
- 4 Wireless LAN antennas
- 5 Touch pad
- 6 Power key
- 7 USB 3.0 port
- 8 Combo audio jack
- 9 Memory card slot
- 10 Novo button



Bottom and Left-side view

- Speakers
- 2 AC power adapter jack
- 3 Battery/Charging status indicator
- 4 USB 3.0 port
- 5 HDMI port
- 6 Type-C port
- 7 Power status indicator



Parts list

This section presents the following service parts:

- “Overall” on page 97
- “LCD FRUs” on page 111
- “Miscellaneous parts” on page 115
- “AC adapters” on page 115
- “Screws” on page 116

Note:

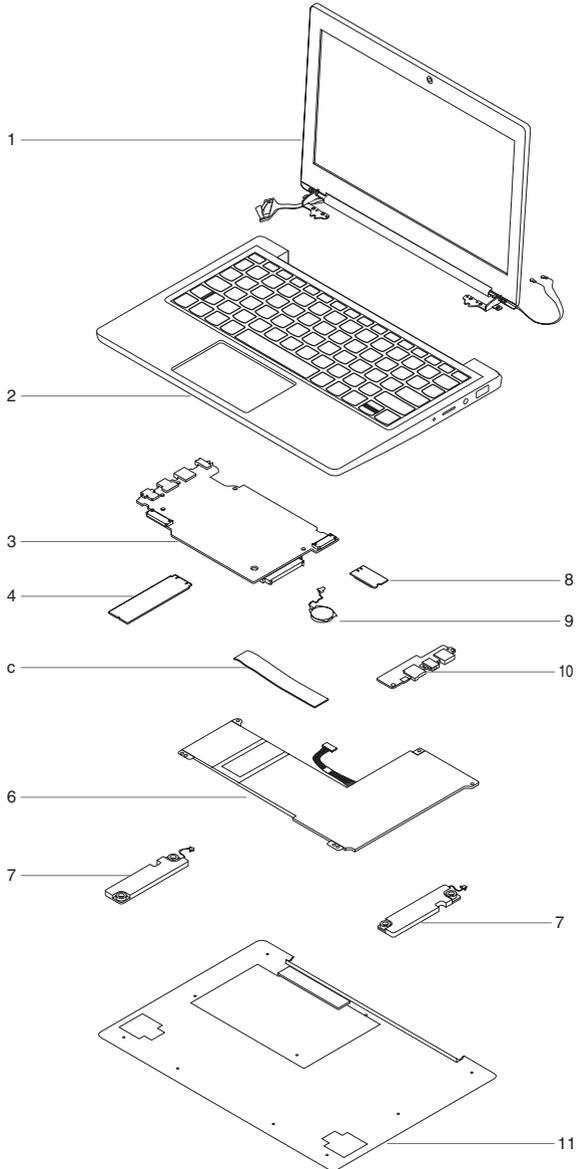
Each FRU is available for all types or models, unless specific types or models are specified.

Attention:

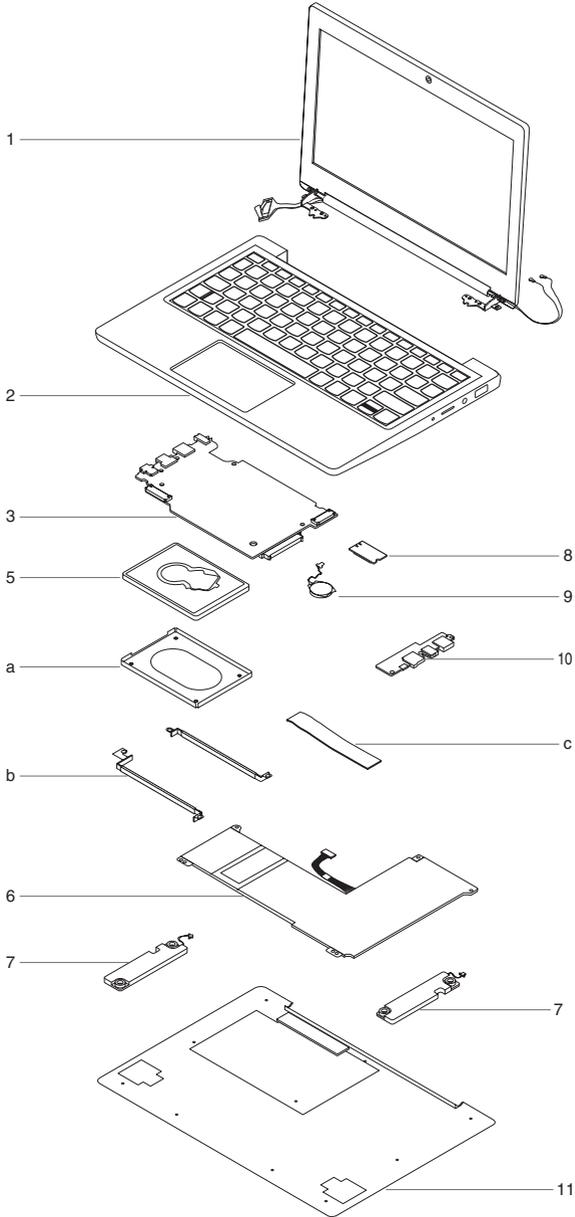
Do not attempt to replace an FRU on your own. If an FRU is damaged, contact a Lenovo authorized servicer or a marketing representative for replacement or repair. Only qualified technicians can inspect or repair this product.

Overall

ideapad S130-11IGM/ideapad 130S-11IGM (without HDD)



ideapad S130-11IGM/ideapad 130S-11IGM (with HDD)



*Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ideapad 130S-11IGM/
ideapad 130S-14IGM*

Table 4. Parts list—Overall

ideapad S130-11IGM/ideapad 130S-11IGM

No.	FRU	FRU no.	CRU ID.
a-c	See "Miscellaneous parts" on page 115.		
1	LCD unit (see "LCD FRUs" on page 111).		
2	UpCase ASM 3N 81J1 MGR W/KB ARA	5CB0R61308	N
2	UpCase ASM 3N 81J1 MGR W/KB BEL	5CB0R61505	
2	UpCase ASM 3N 81J1 MGR W/KB BRA	5CB0R61220	
2	UpCase ASM 3N 81J1 MGR W/KB BUL	5CB0R61513	
2	UpCase ASM 3N81J1 MGR W/KB CZE/SLK	5CB0R61324	
2	UpCase ASM 3N 81J1 MGR W/KB DUT	5CB0R61163	
2	UpCase ASM 3N 81J1 MGR W/KB US	5CB0R61248	
2	UpCase ASM 3N 81J1 MGR W/KB USI	5CB0R61070	
2	UpCase ASM 3N 81J1 MGR W/KB CFEn	5CB0R61487	
2	UpCase ASM 3N 81J1 MGR W/KB UK	5CB0R61527	
2	UpCase ASM 3N 81J1 MGR W/KB FR	5CB0R61211	
2	UpCase ASM 3N 81J1 MGR W/KB FRAR	5CB0R61062	
2	UpCase ASM 3N 81J1 MGR W/KB GE	5CB0R61174	
2	UpCase ASM 3N 81J1 MGR W/KB GRE	5CB0R61050	
2	UpCase ASM 3N 81J1 MGR W/KB HEB	5CB0R61373	
2	UpCase ASM 3N 81J1 MGR W/KB ID	5CB0R61335	
2	UpCase ASM 3N 81J1 MGR W/KB HUN	5CB0R61377	
2	UpCase ASM 3N 81J1 MGR W/KB ILD	5CB0R61452	
2	UpCase ASM 3N 81J1 MGR W/KB ITA	5CB0R61491	
2	UpCase ASM 3N 81J1 MGR W/KB JP	5CB0R61476	
2	UpCase ASM 3N 81J1 MGR W/KB KOR	5CB0R61150	
2	UpCase ASM 3N 81J1 MGR W/KB LSP	5CB0R61086	
2	UpCase ASM 3N 81J1 MGR W/KB NOR	5CB0R61412	
2	UpCase ASM 3N 81J1 MGR W/KB PRO	5CB0R61137	
2	UpCase ASM 3N 81J1 MGR W/KB RU	5CB0R61039	
2	UpCase ASM 3N 81J1 MGR W/KB SLE	5CB0R61282	
2	UpCase ASM 3N 81J1 MGR W/KB SPA	5CB0R61318	
2	UpCase ASM 3N 81J1 MGR W/KB SW	5CB0R61151	
2	UpCase ASM 3N 81J1 MGR W/KB TC	5CB0R61368	
2	UpCase ASM 3N 81J1 MGR W/KB THA	5CB0R61302	
2	UpCase ASM 3N 81J1 MGR W/KB TUR	5CB0R61516	
2	UpCase ASM 3N 81J1 MGR W/KB UKR	5CB0R61156	
2	UpCase ASM 3N 81J1 MNB W/KB ARA	5CB0R61369	
2	UpCase ASM 3N 81J1 MNB W/KB BEL	5CB0R61185	
2	UpCase ASM 3N 81J1 MNB W/KB BRA	5CB0R61083	
2	UpCase ASM 3N 81J1 MNB W/KB BUL	5CB0R61297	
2	UpCase ASM 3N81J1 MNB W/KB CZE/SLK	5CB0R61199	
2	UpCase ASM 3N 81J1 MNB W/KB DUT	5CB0R61217	
2	UpCase ASM 3N 81J1 MNB W/KB US	5CB0R61426	
2	UpCase ASM 3N 81J1 MNB W/KB USI	5CB0R61258	
2	UpCase ASM 3N 81J1 MNB W/KB CFEn	5CB0R61113	
2	UpCase ASM 3N 81J1 MNB W/KB UK	5CB0R61464	
2	UpCase ASM 3N 81J1 MNB W/KB FR	5CB0R61253	

Table 4. Parts list—Overall (continued)

No.	FRU	FRU no.	CRU ID.
2	UpCase ASM 3N 81J1 MNB W/KB FRAR	5CB0R61052	N
2	UpCase ASM 3N 81J1 MNB W/KB GE	5CB0R61228	
2	UpCase ASM 3N 81J1 MNB W/KB GRE	5CB0R61390	
2	UpCase ASM 3N 81J1 MNB W/KB HEB	5CB0R61057	
2	UpCase ASM 3N 81J1 MNB W/KB ID	5CB0R61431	
2	UpCase ASM 3N 81J1 MNB W/KB HUN	5CB0R61041	
2	UpCase ASM 3N 81J1 MNB W/KB ILD	5CB0R61195	
2	UpCase ASM 3N 81J1 MNB W/KB ITA	5CB0R61242	
2	UpCase ASM 3N 81J1 MNB W/KB JP	5CB0R61071	
2	UpCase ASM 3N 81J1 MNB W/KB KOR	5CB0R61188	
2	UpCase ASM 3N 81J1 MNB W/KB LSP	5CB0R61038	
2	UpCase ASM 3N 81J1 MNB W/KB NOR	5CB0R61378	
2	UpCase ASM 3N 81J1 MNB W/KB PRO	5CB0R61054	
2	UpCase ASM 3N 81J1 MNB W/KB RU	5CB0R61212	
2	UpCase ASM 3N 81J1 MNB W/KB SLE	5CB0R61160	
2	UpCase ASM 3N 81J1 MNB W/KB SPA	5CB0R61064	
2	UpCase ASM 3N 81J1 MNB W/KB SW	5CB0R61276	
2	UpCase ASM 3N 81J1 MNB W/KB TC	5CB0R61344	
2	UpCase ASM 3N 81J1 MNB W/KB THA	5CB0R61503	
2	UpCase ASM 3N 81J1 MNB W/KB TUR	5CB0R61203	
2	UpCase ASM 3N 81J1 MNB W/KB UKR	5CB0R61436	
2	UpCase ASM 3N 81J1 RPK W/KB ARA	5CB0R61144	
2	UpCase ASM 3N 81J1 RPK W/KB BEL	5CB0R61429	
2	UpCase ASM 3N 81J1 RPK W/KB BRA	5CB0R61430	
2	UpCase ASM 3N 81J1 RPK W/KB BUL	5CB0R61463	
2	UpCase ASM 3N81J1 RPK W/KB CZE/SLK	5CB0R61314	
2	UpCase ASM 3N 81J1 RPK W/KB DUT	5CB0R61194	
2	UpCase ASM 3N 81J1 RPK W/KB US	5CB0R61313	
2	UpCase ASM 3N 81J1 RPK W/KB USI	5CB0R61261	
2	UpCase ASM 3N 81J1 RPK W/KB CFEn	5CB0R61101	
2	UpCase ASM 3N 81J1 RPK W/KB UK	5CB0R61493	
2	UpCase ASM 3N 81J1 RPK W/KB FR	5CB0R61509	
2	UpCase ASM 3N 81J1 RPK W/KB FRAR	5CB0R61370	
2	UpCase ASM 3N 81J1 RPK W/KB GE	5CB0R61102	
2	UpCase ASM 3N 81J1 RPK W/KB GRE	5CB0R61397	
2	UpCase ASM 3N 81J1 RPK W/KB HEB	5CB0R61490	
2	UpCase ASM 3N 81J1 RPK W/KB ID	5CB0R61437	
2	UpCase ASM 3N 81J1 RPK W/KB HUN	5CB0R61494	
2	UpCase ASM 3N 81J1 RPK W/KB ILD	5CB0R61319	
2	UpCase ASM 3N 81J1 RPK W/KB ITA	5CB0R61197	
2	UpCase ASM 3N 81J1 RPK W/KB JP	5CB0R61270	
2	UpCase ASM 3N 81J1 RPK W/KB KOR	5CB0R61245	
2	UpCase ASM 3N 81J1 RPK W/KB LSP	5CB0R61105	
2	UpCase ASM 3N 81J1 RPK W/KB NOR	5CB0R61103	
2	UpCase ASM 3N 81J1 RPK W/KB PRO	5CB0R61121	
2	UpCase ASM 3N 81J1 RPK W/KB RU	5CB0R61218	

*Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ideapad 130S-11IGM/
ideapad 130S-14IGM*

Table 4. Parts list—Overall (continued)

No.	FRU	FRU no.	CRU ID.
2	UpCase ASM 3N 81J1 RPK W/KB SLE	5CB0R61303	N
2	UpCase ASM 3N 81J1 RPK W/KB SPA	5CB0R61348	
2	UpCase ASM 3N 81J1 RPK W/KB SW	5CB0R61240	
2	UpCase ASM 3N 81J1 RPK W/KB TC	5CB0R61331	
2	UpCase ASM 3N 81J1 RPK W/KB THA	5CB0R61371	
2	UpCase ASM 3N 81J1 RPK W/KB TUR	5CB0R61361	
2	UpCase ASM 3N 81J1 RPK W/KB UKR	5CB0R61473	
2	UpCase ASM 3N 81J1 BW W/KB ARA	5CB0R61391	
2	UpCase ASM 3N 81J1 BW W/KB BEL	5CB0R61529	
2	UpCase ASM 3N 81J1 BW W/KB BRA	5CB0R61122	
2	UpCase ASM 3N 81J1 BW W/KB BUL	5CB0R61215	
2	UpCase ASM 3N 81J1 BW W/KB CZE/SLK	5CB0R61332	
2	UpCase ASM 3N 81J1 BW W/KB DUT	5CB0R61279	
2	UpCase ASM 3N 81J1 BW W/KB US	5CB0R61200	
2	UpCase ASM 3N 81J1 BW W/KB USI	5CB0R61345	
2	UpCase ASM 3N 81J1 BW W/KB CFEn	5CB0R61526	
2	UpCase ASM 3N 81J1 BW W/KB UK	5CB0R61289	
2	UpCase ASM 3N 81J1 BW W/KB FR	5CB0R61479	
2	UpCase ASM 3N 81J1 BW W/KB FRAR	5CB0R61467	
2	UpCase ASM 3N 81J1 BW W/KB GE	5CB0R61272	
2	UpCase ASM 3N 81J1 BW W/KB GRE	5CB0R61090	
2	UpCase ASM 3N 81J1 BW W/KB HEB	5CB0R61357	
2	UpCase ASM 3N 81J1 BW W/KB ID	5CB0R61427	
2	UpCase ASM 3N 81J1 BW W/KB HUN	5CB0R61189	
2	UpCase ASM 3N 81J1 BW W/KB ILD	5CB0R61268	
2	UpCase ASM 3N 81J1 BW W/KB ITA	5CB0R61209	
2	UpCase ASM 3N 81J1 BW W/KB JP	5CB0R61226	
2	UpCase ASM 3N 81J1 BW W/KB KOR	5CB0R61250	
2	UpCase ASM 3N 81J1 BW W/KB LSP	5CB0R61213	
2	UpCase ASM 3N 81J1 BW W/KB NOR	5CB0R61265	
2	UpCase ASM 3N 81J1 BW W/KB PRO	5CB0R61484	
2	UpCase ASM 3N 81J1 BW W/KB RU	5CB0R61462	
2	UpCase ASM 3N 81J1 BW W/KB SLE	5CB0R61320	
2	UpCase ASM 3N 81J1 BW W/KB SPA	5CB0R61078	
2	UpCase ASM 3N 81J1 BW W/KB SW	5CB0R61089	
2	UpCase ASM 3N 81J1 BW W/KB TC	5CB0R61321	
2	UpCase ASM 3N 81J1 BW W/KB THA	5CB0R61453	
2	UpCase ASM 3N 81J1 BW W/KB TUR	5CB0R61236	
2	UpCase ASM 3N 81J1 BW W/KB UKR	5CB0R61334	
2	UpCase ASM 3N 81J1 BB W/KB ARA	5CB0R61207	
2	UpCase ASM 3N 81J1 BB W/KB BEL	5CB0R61029	
2	UpCase ASM 3N 81J1 BB W/KB BRA	5CB0R61307	
2	UpCase ASM 3N 81J1 BB W/KB BUL	5CB0R61176	
2	UpCase ASM 3N 81J1 BB W/KB CZE/SLK	5CB0R61081	
2	UpCase ASM 3N 81J1 BB W/KB DUT	5CB0R61304	
2	UpCase ASM 3N 81J1 BB W/KB US	5CB0R61485	

Table 4. Parts list—Overall (continued)

No.	FRU	FRU no.	CRU ID.
2	UpCase ASM 3N 81J1 BB W/KB USI	5CB0R61329	N
2	UpCase ASM 3N 81J1 BB W/KB CFEn	5CB0R61347	
2	UpCase ASM 3N 81J1 BB W/KB UK	5CB0R61077	
2	UpCase ASM 3N 81J1 BB W/KB FR	5CB0R61042	
2	UpCase ASM 3N 81J1 BB W/KB FRAR	5CB0R61074	
2	UpCase ASM 3N 81J1 BB W/KB GE	5CB0R61087	
2	UpCase ASM 3N 81J1 BB W/KB GRE	5CB0R61035	
2	UpCase ASM 3N 81J1 BB W/KB HEB	5CB0R61367	
2	UpCase ASM 3N 81J1 BB W/KB ID	5CB0R61401	
2	UpCase ASM 3N 81J1 BB W/KB HUN	5CB0R61530	
2	UpCase ASM 3N 81J1 BB W/KB ILD	5CB0R61305	
2	UpCase ASM 3N 81J1 BB W/KB ITA	5CB0R61093	
2	UpCase ASM 3N 81J1 BB W/KB JP	5CB0R61269	
2	UpCase ASM 3N 81J1 BB W/KB KOR	5CB0R61471	
2	UpCase ASM 3N 81J1 BB W/KB LSP	5CB0R61350	
2	UpCase ASM 3N 81J1 BB W/KB NOR	5CB0R61167	
2	UpCase ASM 3N 81J1 BB W/KB PRO	5CB0R61233	
2	UpCase ASM 3N 81J1 BB W/KB RU	5CB0R61262	
2	UpCase ASM 3N 81J1 BB W/KB SLE	5CB0R61296	
2	UpCase ASM 3N 81J1 BB W/KB SPA	5CB0R61502	
2	UpCase ASM 3N 81J1 BB W/KB SW	5CB0R61082	
2	UpCase ASM 3N 81J1 BB W/KB TC	5CB0R61410	
2	UpCase ASM 3N 81J1 BB W/KB THA	5CB0R61404	
2	UpCase ASM 3N 81J1 BB W/KB TUR	5CB0R61109	
2	UpCase ASM 3N 81J1 BB W/KB UKR	5CB0R61284	
2	UpCase ASM 3N 81J1 MGR W/KB H ARA	5CB0R61364	
2	UpCase ASM 3N 81J1 MGR W/KB H BEL	5CB0R61133	
2	UpCase ASM 3N 81J1 MGR W/KB H BRA	5CB0R61469	
2	UpCase ASM 3N 81J1 MGR W/KB H BUL	5CB0R61076	
2	UpCaseASM 3N81J1 MGR W/KB H CZ/SLK	5CB0R61415	
2	UpCase ASM 3N 81J1 MGR W/KB H DUT	5CB0R61153	
2	UpCase ASM 3N 81J1 MGR W/KB H US	5CB0R61181	
2	UpCase ASM 3N 81J1 MGR W/KB H USI	5CB0R61432	
2	UpCase ASM 3N 81J1 MGR W/KB H CFEn	5CB0R61222	
2	UpCase ASM 3N 81J1 MGR W/KB H UK	5CB0R61379	
2	UpCase ASM 3N 81J1 MGR W/KB H FR	5CB0R61454	
2	UpCase ASM 3N 81J1 MGR W/KB H FRAR	5CB0R61031	
2	UpCase ASM 3N 81J1 MGR W/KB H GE	5CB0R61423	
2	UpCase ASM 3N 81J1 MGR W/KB H GRE	5CB0R61100	
2	UpCase ASM 3N 81J1 MGR W/KB H HEB	5CB0R61162	
2	UpCase ASM 3N 81J1 MGR W/KB H ID	5CB0R61129	
2	UpCase ASM 3N 81J1 MGR W/KB H HUN	5CB0R61238	
2	UpCase ASM 3N 81J1 MGR W/KB H ILD	5CB0R61032	
2	UpCase ASM 3N 81J1 MGR W/KB H ITA	5CB0R61421	
2	UpCase ASM 3N 81J1 MGR W/KB H JP	5CB0R61290	
2	UpCase ASM 3N 81J1 MGR W/KB H KOR	5CB0R61524	

*Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ideapad 130S-11IGM/
ideapad 130S-14IGM*

Table 4. Parts list—Overall (continued)

No.	FRU	FRU no.	CRU ID.
2	UpCase ASM 3N 81J1 MGR W/KB H LSP	5CB0R61354	N
2	UpCase ASM 3N 81J1 MGR W/KB H NOR	5CB0R61315	
2	UpCase ASM 3N 81J1 MGR W/KB H PRO	5CB0R61256	
2	UpCase ASM 3N 81J1 MGR W/KB H RU	5CB0R61124	
2	UpCase ASM 3N 81J1 MGR W/KB H SLE	5CB0R61340	
2	UpCase ASM 3N 81J1 MGR W/KB H SPA	5CB0R61030	
2	UpCase ASM 3N 81J1 MGR W/KB H SW	5CB0R61179	
2	UpCase ASM 3N 81J1 MGR W/KB H TC	5CB0R61365	
2	UpCase ASM 3N 81J1 MGR W/KB H THA	5CB0R61525	
2	UpCase ASM 3N 81J1 MGR W/KB H TUR	5CB0R61521	
2	UpCase ASM 3N 81J1 MGR W/KB H UKR	5CB0R61259	
2	UpCase ASM 3N 81J1 MNB W/KB H ARA	5CB0R61169	
2	UpCase ASM 3N 81J1 MNB W/KB H BEL	5CB0R61501	
2	UpCase ASM 3N 81J1 MNB W/KB H BRA	5CB0R61084	
2	UpCase ASM 3N 81J1 MNB W/KB H BUL	5CB0R61384	
2	UpCaseASM 3N81J1 MNB W/KB H CZ/SLK	5CB0R61285	
2	UpCase ASM 3N 81J1 MNB W/KB H DUT	5CB0R61443	
2	UpCase ASM 3N 81J1 MNB W/KB H US	5CB0R61522	
2	UpCase ASM 3N 81J1 MNB W/KB H USI	5CB0R61338	
2	UpCase ASM 3N 81J1 MNB W/KB H CFEn	5CB0R61438	
2	UpCase ASM 3N 81J1 MNB W/KB H UK	5CB0R61422	
2	UpCase ASM 3N 81J1 MNB W/KB H FR	5CB0R61330	
2	UpCase ASM 3N 81J1 MNB W/KB H FRAR	5CB0R61058	
2	UpCase ASM 3N 81J1 MNB W/KB H GE	5CB0R61388	
2	UpCase ASM 3N 81J1 MNB W/KB H GRE	5CB0R61309	
2	UpCase ASM 3N 81J1 MNB W/KB H HEB	5CB0R61517	
2	UpCase ASM 3N 81J1 MNB W/KB H ID	5CB0R61138	
2	UpCase ASM 3N 81J1 MNB W/KB H HUN	5CB0R61510	
2	UpCase ASM 3N 81J1 MNB W/KB H ILD	5CB0R61267	
2	UpCase ASM 3N 81J1 MNB W/KB H ITA	5CB0R61028	
2	UpCase ASM 3N 81J1 MNB W/KB H JP	5CB0R61507	
2	UpCase ASM 3N 81J1 MNB W/KB H KOR	5CB0R61080	
2	UpCase ASM 3N 81J1 MNB W/KB H LSP	5CB0R61511	
2	UpCase ASM 3N 81J1 MNB W/KB H NOR	5CB0R61192	
2	UpCase ASM 3N 81J1 MNB W/KB H PRO	5CB0R61414	
2	UpCase ASM 3N 81J1 MNB W/KB H RU	5CB0R61374	
2	UpCase ASM 3N 81J1 MNB W/KB H SLE	5CB0R61292	
2	UpCase ASM 3N 81J1 MNB W/KB H SPA	5CB0R61088	
2	UpCase ASM 3N 81J1 MNB W/KB H SW	5CB0R61398	
2	UpCase ASM 3N 81J1 MNB W/KB H TC	5CB0R61196	
2	UpCase ASM 3N 81J1 MNB W/KB H THA	5CB0R61079	
2	UpCase ASM 3N 81J1 MNB W/KB H TUR	5CB0R61154	
2	UpCase ASM 3N 81J1 MNB W/KB H UKR	5CB0R61394	
2	UpCase ASM 3N 81J1 BB W/KB H ARA	5CB0R61406	
2	UpCase ASM 3N 81J1 BB W/KB H BEL	5CB0R61418	
2	UpCase ASM 3N 81J1 BB W/KB H BRA	5CB0R61040	

Table 4. Parts list—Overall (continued)

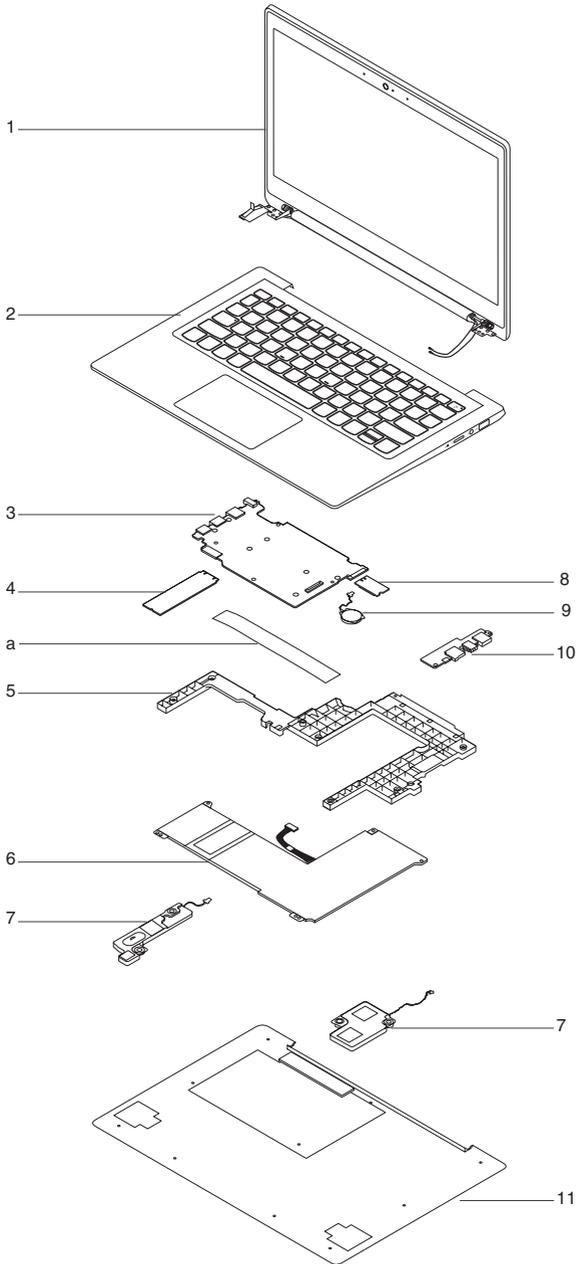
No.	FRU	FRU no.	CRU ID.
2	UpCase ASM 3N 81J1 BB W/KB H BUL	5CB0R61161	N
2	UpCaseASM 3N81J1 BB W/KB H CZE/SLK	5CB0R61281	
2	UpCase ASM 3N 81J1 BB W/KB H DUT	5CB0R61155	
2	UpCase ASM 3N 81J1 BB W/KB H US	5CB0R61186	
2	UpCase ASM 3N 81J1 BB W/KB H USI	5CB0R61317	
2	UpCase ASM 3N 81J1 BB W/KB H CFEn	5CB0R61306	
2	UpCase ASM 3N 81J1 BB W/KB H UK	5CB0R61027	
2	UpCase ASM 3N 81J1 BB W/KB H FR	5CB0R61358	
2	UpCase ASM 3N 81J1 BB W/KB H FRAR	5CB0R61178	
2	UpCase ASM 3N 81J1 BB W/KB H GE	5CB0R61180	
2	UpCase ASM 3N 81J1 BB W/KB H GRE	5CB0R61518	
2	UpCase ASM 3N 81J1 BB W/KB H HEB	5CB0R61325	
2	UpCase ASM 3N 81J1 BB W/KB H ID	5CB0R61498	
2	UpCase ASM 3N 81J1 BB W/KB H HUN	5CB0R61251	
2	UpCase ASM 3N 81J1 BB W/KB H ILD	5CB0R61239	
2	UpCase ASM 3N 81J1 BB W/KB H ITA	5CB0R61045	
2	UpCase ASM 3N 81J1 BB W/KB H JP	5CB0R61294	
2	UpCase ASM 3N 81J1 BB W/KB H KOR	5CB0R61273	
2	UpCase ASM 3N 81J1 BB W/KB H LSP	5CB0R61130	
2	UpCase ASM 3N 81J1 BB W/KB H NOR	5CB0R61413	
2	UpCase ASM 3N 81J1 BB W/KB H PRO	5CB0R61047	
2	UpCase ASM 3N 81J1 BB W/KB H RU	5CB0R61094	
2	UpCase ASM 3N 81J1 BB W/KB H SLE	5CB0R61198	
2	UpCase ASM 3N 81J1 BB W/KB H SPA	5CB0R61033	
2	UpCase ASM 3N 81J1 BB W/KB H SW	5CB0R61187	
2	UpCase ASM 3N 81J1 BB W/KB H TC	5CB0R61157	
2	UpCase ASM 3N 81J1 BB W/KB H THA	5CB0R61219	
2	UpCase ASM 3N 81J1 BB W/KB H TUR	5CB0R61439	
2	UpCase ASM 3N 81J1 BB W/KB H UKR	5CB0R61449	
3	MB 3N 81J1 N5000 WIN UMA 4G HDD	5B20R61520	
3	MB 3N 81J1 N5000 WIN UMA 4G PCIE	5B20R61341	
3	MB 3N 81J1 N5000 WIN UMA 4G 32G	5B20R61171	
3	MB 3N 81J1 N5000 WIN UMA 4G 64G	5B20R61168	
3	MB 3N 81J1 N5000 WIN UMA 2G HDD	5B20R61244	
3	MB 3N 81J1 N5000 WIN UMA 2G PCIE	5B20R61288	
3	MB 3N 81J1 N5000 WIN UMA 2G 32G	5B20R61363	
3	MB 3N 81J1 N5000 WIN UMA 2G 64G	5B20R61056	
3	MB 3N 81J1 N4100 WIN UMA 4G HDD	5B20R61123	
3	MB 3N 81J1 N4100 WIN UMA 4G PCIE	5B20R61359	
3	MB 3N 81J1 N4100 WIN UMA 4G 32G	5B20R61475	
3	MB 3N 81J1 N4100 WIN UMA 4G 64G	5B20R61342	
3	MB 3N 81J1 N4100 WIN UMA 2G HDD	5B20R61310	
3	MB 3N 81J1 N4100 WIN UMA 2G PCIE	5B20R61457	
3	MB 3N 81J1 N4100 WIN UMA 2G 32G	5B20R61266	
3	MB 3N 81J1 N4100 WIN UMA 2G 64G	5B20R61149	
3	MB 3N 81J1 N4000 WIN UMA 4G HDD	5B20R61287	

*Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ideapad 130S-11IGM/
ideapad 130S-14IGM*

Table 4. Parts list—Overall (continued)

No.	FRU	FRU no.	CRU ID.	
3	MB 3N 81J1 N4000 WIN UMA 4G PCIE	5B20R61051	N	
3	MB 3N 81J1 N4000 WIN UMA 4G 32G	5B20R61106		
3	MB 3N 81J1 N4000 WIN UMA 4G 64G	5B20R61425		
3	MB 3N 81J1 N4000 WIN UMA 2G HDD	5B20R61489		
3	MB 3N 81J1 N4000 WIN UMA 2G PCIE	5B20R61323		
3	MB 3N 81J1 N4000 WIN UMA 2G 32G	5B20R61504		
3	MB 3N 81J1 N4000 WIN UMA 2G 64G	5B20R61231		
3	MB 3N81J1 N5000 WIN UMA 4G SATA	5B20S70182		
3	MB 3N81J1 N5000 WIN UMA 2G SATA	5B20S70186		
3	MB 3N81J1 N4100 WIN UMA 4G SATA	5B20S70181		
3	MB 3N81J1 N4100 WIN UMA 2G SATA	5B20S70187		
3	MB 3N81J1 N4000 WIN UMA 4G SATA	5B20S70190		
3	MB 3N81J1 N4000 WIN UMA 2G SATA	5B20S70185		
4	Storage SSD BC501 128G M.2 hynix	01FR545		
4	Storage SSD SC313 128G 2280 Hynix	01FR528		
4	Storage SSD PM871b 128G SAM	01FR505		
4	Storage SSD BG3 128G 2242 PCIe TSB	01FR521		
4	Storage SSD CV8 128G M.2 Liteon	01FR552		
5	ST500LM030 500GB 2.5" SATA 7mm 5400rpm HDD for ideapad	SH20P18518		
5	WD5000LPCX-24VHAT0 7mm 5400rpm 500G HDD	5H20J35762		
5	MQ01ABF050 6G 7mm 5.4K 500G HDD	5H20L34560		
6	SWD BSNO130S 81J1 7.6V/32W2cell	5B10R61073		
6	BATTERY 3N 81A4/81A5 32W	5B10P23779		
6	BATTERY 3N 81A4 28W	5B10P23790		
7	Speaker 3N 81A4 L 1W	5SB0P23804		
7	Speaker 3N 81A4 R 1W	5SB0P23652		
8	Wireless,CMB,CBT,8821CE	01AX710		
8	Wireless,CMB,IN,3165 ac	00JT497		
9	CMOS BATTERY 3N 81AF	5B10P18554		
9	CMOS BATTERY 3N 81F4	5B10R38659		
10	IO Board 3N 81J1 W/o cable	5C50R61312		
11	Lower Case 3N 81J1 MGR	5CB0R61117		
11	Lower Case 3N 81J1 MNB	5CB0R61497		
11	Lower Case 3N 81J1 RPK	5CB0R61393		
11	Lower Case 3N 81J1 BW	5CB0R61512		
11	Lower Case 3N 81J1 BB	5CB0R61403		
11	Lower Case 3N 81J1 MGR HDD	5CB0R65934		
11	Lower Case 3N 81J1 MNB HDD	5CB0R65936		
11	Lower Case 3N 81J1 BB HDD	5CB0R65932		
—	AC adapter (see "AC adapters" on page 115).			

ideapad S130-14IGM/ideapad 130S-14IGM



*Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ideapad 130S-11IGM/
ideapad 130S-14IGM*

Table 5. Parts list --Overall

ideapad S130-14IGM/ideapad 130S-14IGM

No.	FRU	FRU no.	CRU ID.
a-c	See "Miscellaneous parts" on page 115.		
1	LCD unit (see "LCD FRUs" on page 123).		
2	UpCase ASM 3N 81J2 MGR W/KB ARA	5CB0R61355	N
2	UpCase ASM 3N 81J2 MGR W/KB BEL	5CB0R61085	
2	UpCase ASM 3N 81J2 MGR W/KB BRA	5CB0R61434	
2	UpCase ASM 3N 81J2 MGR W/KB BUL	5CB0R61461	
2	UpCase ASM 3N81J2 MGR W/KB CZE/SLK	5CB0R61492	
2	UpCase ASM 3N 81J2 MGR W/KB DUT	5CB0R61170	
2	UpCase ASM 3N 81J2 MGR W/KB US	5CB0R61299	
2	UpCase ASM 3N 81J2 MGR W/KB USI	5CB0R61061	
2	UpCase ASM 3N 81J2 MGR W/KB CFEn	5CB0R61128	
2	UpCase ASM 3N 81J2 MGR W/KB UK	5CB0R61091	
2	UpCase ASM 3N 81J2 MGR W/KB FR	5CB0R61108	
2	UpCase ASM 3N 81J2 MGR W/KB FRAR	5CB0R61260	
2	UpCase ASM 3N 81J2 MGR W/KB GE	5CB0R61351	
2	UpCase ASM 3N 81J2 MGR W/KB GRE	5CB0R61068	
2	UpCase ASM 3N 81J2 MGR W/KB HEB	5CB0R61116	
2	UpCase ASM 3N 81J2 MGR W/KB ID	5CB0R61514	
2	UpCase ASM 3N 81J2 MGR W/KB HUN	5CB0R61173	
2	UpCase ASM 3N 81J2 MGR W/KB ILD	5CB0R61327	
2	UpCase ASM 3N 81J2 MGR W/KB ITA	5CB0R61445	
2	UpCase ASM 3N 81J2 MGR W/KB JP	5CB0R61383	
2	UpCase ASM 3N 81J2 MGR W/KB KOR	5CB0R61092	
2	UpCase ASM 3N 81J2 MGR W/KB LSP	5CB0R61337	
2	UpCase ASM 3N 81J2 MGR W/KB NOR	5CB0R61132	
2	UpCase ASM 3N 81J2 MGR W/KB PRO	5CB0R61466	
2	UpCase ASM 3N 81J2 MGR W/KB RU	5CB0R61175	
2	UpCase ASM 3N 81J2 MGR W/KB SLE	5CB0R61126	
2	UpCase ASM 3N 81J2 MGR W/KB SPA	5CB0R61519	
2	UpCase ASM 3N 81J2 MGR W/KB SW	5CB0R61336	
2	UpCase ASM 3N 81J2 MGR W/KB TC	5CB0R61184	
2	UpCase ASM 3N 81J2 MGR W/KB THA	5CB0R61328	
2	UpCase ASM 3N 81J2 MGR W/KB TUR	5CB0R61444	
2	UpCase ASM 3N 81J2 MGR W/KB UKR	5CB0R61263	
2	UpCase ASM 3N 81J2 MNB W/KB ARA	5CB0R61455	
2	UpCase ASM 3N 81J2 MNB W/KB BEL	5CB0R61278	
2	UpCase ASM 3N 81J2 MNB W/KB BRA	5CB0R61048	
2	UpCase ASM 3N 81J2 MNB W/KB BUL	5CB0R61486	
2	UpCase ASM 3N81J2 MNB W/KB CZE/SLK	5CB0R61095	
2	UpCase ASM 3N 81J2 MNB W/KB DUT	5CB0R61389	
2	UpCase ASM 3N 81J2 MNB W/KB US	5CB0R61110	
2	UpCase ASM 3N 81J2 MNB W/KB USI	5CB0R61241	
2	UpCase ASM 3N 81J2 MNB W/KB CFEn	5CB0R61470	
2	UpCase ASM 3N 81J2 MNB W/KB UK	5CB0R61227	
2	UpCase ASM 3N 81J2 MNB W/KB FR	5CB0R61419	

Table 5. Parts list --Overall (continued)

No.	FRU	FRU no.	CRU ID.
2	UpCase ASM 3N 81J2 MNB W/KB FRAR	5CB0R61283	N
2	UpCase ASM 3N 81J2 MNB W/KB GE	5CB0R61234	
2	UpCase ASM 3N 81J2 MNB W/KB GRE	5CB0R61232	
2	UpCase ASM 3N 81J2 MNB W/KB HEB	5CB0R61202	
2	UpCase ASM 3N 81J2 MNB W/KB ID	5CB0R61043	
2	UpCase ASM 3N 81J2 MNB W/KB HUN	5CB0R61135	
2	UpCase ASM 3N 81J2 MNB W/KB ILD	5CB0R61339	
2	UpCase ASM 3N 81J2 MNB W/KB ITA	5CB0R61120	
2	UpCase ASM 3N 81J2 MNB W/KB JP	5CB0R61433	
2	UpCase ASM 3N 81J2 MNB W/KB KOR	5CB0R61204	
2	UpCase ASM 3N 81J2 MNB W/KB LSP	5CB0R61165	
2	UpCase ASM 3N 81J2 MNB W/KB NOR	5CB0R61152	
2	UpCase ASM 3N 81J2 MNB W/KB PRO	5CB0R61247	
2	UpCase ASM 3N 81J2 MNB W/KB RU	5CB0R61372	
2	UpCase ASM 3N 81J2 MNB W/KB SLE	5CB0R61293	
2	UpCase ASM 3N 81J2 MNB W/KB SPA	5CB0R61208	
2	UpCase ASM 3N 81J2 MNB W/KB SW	5CB0R61067	
2	UpCase ASM 3N 81J2 MNB W/KB TC	5CB0R61322	
2	UpCase ASM 3N 81J2 MNB W/KB THA	5CB0R61243	
2	UpCase ASM 3N 81J2 MNB W/KB TUR	5CB0R61111	
2	UpCase ASM 3N 81J2 MNB W/KB UKR	5CB0R61301	
2	UpCase ASM 3N 81J2 BB W/KB ARA	5CB0R61478	
2	UpCase ASM 3N 81J2 BB W/KB BEL	5CB0R61046	
2	UpCase ASM 3N 81J2 BB W/KB BRA	5CB0R61216	
2	UpCase ASM 3N 81J2 BB W/KB BUL	5CB0R61417	
2	UpCase ASM 3N 81J2 BB W/KB CZE/SLK	5CB0R61346	
2	UpCase ASM 3N 81J2 BB W/KB DUT	5CB0R61034	
2	UpCase ASM 3N 81J2 BB W/KB US	5CB0R61441	
2	UpCase ASM 3N 81J2 BB W/KB USI	5CB0R61255	
2	UpCase ASM 3N 81J2 BB W/KB CFEn	5CB0R61450	
2	UpCase ASM 3N 81J2 BB W/KB UK	5CB0R61523	
2	UpCase ASM 3N 81J2 BB W/KB FR	5CB0R61119	
2	UpCase ASM 3N 81J2 BB W/KB FRAR	5CB0R61069	
2	UpCase ASM 3N 81J2 BB W/KB GE	5CB0R61201	
2	UpCase ASM 3N 81J2 BB W/KB GRE	5CB0R61488	
2	UpCase ASM 3N 81J2 BB W/KB HEB	5CB0R61098	
2	UpCase ASM 3N 81J2 BB W/KB ID	5CB0R61326	
2	UpCase ASM 3N 81J2 BB W/KB HUN	5CB0R61465	
2	UpCase ASM 3N 81J2 BB W/KB ILD	5CB0R61107	
2	UpCase ASM 3N 81J2 BB W/KB ITA	5CB0R61460	
2	UpCase ASM 3N 81J2 BB W/KB JP	5CB0R61442	
2	UpCase ASM 3N 81J2 BB W/KB KOR	5CB0R61053	
2	UpCase ASM 3N 81J2 BB W/KB LSP	5CB0R61063	
2	UpCase ASM 3N 81J2 BB W/KB NOR	5CB0R61036	

*Lenovo ideapad S130-11IGM/ideapad S130-14IGM/ideapad 130S-11IGM/
ideapad 130S-14IGM*

Table 5. Parts list --Overall (continued)

No.	FRU	FRU no.	CRU ID.
2	UpCase ASM 3N 81J2 BB W/KB PRO	5CB0R61055	N
2	UpCase ASM 3N 81J2 BB W/KB RU	5CB0R61112	
2	UpCase ASM 3N 81J2 BB W/KB SLE	5CB0R61257	
2	UpCase ASM 3N 81J2 BB W/KB SPA	5CB0R61420	
2	UpCase ASM 3N 81J2 BB W/KB SW	5CB0R61366	
2	UpCase ASM 3N 81J2 BB W/KB TC	5CB0R61405	
2	UpCase ASM 3N 81J2 BB W/KB THA	5CB0R61235	
2	UpCase ASM 3N 81J2 BB W/KB TUR	5CB0R61115	
2	UpCase ASM 3N 81J2 BB W/KB UKR	5CB0R61376	
3	MB 3N 81J2 N5000 WIN UMA 4G PCIE	5B20R61096	
3	MB 3N 81J2 N5000 WIN UMA 4G 32G	5B20R61295	
3	MB 3N 81J2 N5000 WIN UMA 4G 64G	5B20R61206	
3	MB 3N 81J2 N5000 WIN UMA 2G PCIE	5B20R61286	
3	MB 3N 81J2 N5000 WIN UMA 2G 32G	5B20R61458	
3	MB 3N 81J2 N5000 WIN UMA 2G 64G	5B20R61066	
3	MB 3N 81J2 N4100 WIN UMA 4G PCIE	5B20R61386	
3	MB 3N 81J2 N4100 WIN UMA 4G 32G	5B20R61456	
3	MB 3N 81J2 N4100 WIN UMA 4G 64G	5B20R61472	
3	MB 3N 81J2 N4100 WIN UMA 2G PCIE	5B20R61400	
3	MB 3N 81J2 N4100 WIN UMA 2G 32G	5B20R61237	
3	MB 3N 81J2 N4100 WIN UMA 2G 64G	5B20R61134	
3	MB 3N 81J2 N4000 WIN UMA 4G PCIE	5B20R61459	
3	MB 3N 81J2 N4000 WIN UMA 4G 32G	5B20R61131	
3	MB 3N 81J2 N4000 WIN UMA 4G 64G	5B20R61097	
3	MB 3N 81J2 N4000 WIN UMA 2G PCIE	5B20R61298	
3	MB 3N 81J2 N4000 WIN UMA 2G 32G	5B20R61353	
3	MB 3N 81J2 N4000 WIN UMA 2G 64G	5B20R61448	
3	MB 3N81J2 N5000 WIN UMA 4G SATA	5B20S70178	
3	MB 3N81J2 N5000 WIN UMA 2G SATA	5B20S70183	
3	MB 3N81J2 N4100 WIN UMA 4G SATA	5B20S70189	
3	MB 3N81J2 N4100 WIN UMA 2G SATA	5B20S70179	
3	MB 3N81J2 N4000 WIN UMA 4G SATA	5B20S70180	
3	MB 3N81J2 N4000 WIN UMA 2G SATA	5B20S70184	
4	Storage SSD BC501 128G M.2 hynix	01FR545	
4	Storage SSD SC313 128G 2280 Hynix	01FR528	
4	Storage SSD PM871b 128G SAM	01FR505	
4	Storage SSD BG3 128G 2242 PCIe TSB	01FR521	
4	Storage SSD CV8 128G M.2 Liteon	01FR552	
5	Battery Holder 3N 81A5	5M20P23696	
6	BATTERY 3N 81A4/81A5 32W	5B10P23779	
6	SWD BSNO130S 81J1 7.6V/32W2cell	5B10R61073	
7	Speaker 3N 81A5 L 1W	5SB0P23834	
7	Speaker 3N 81A5 R 1W	5SB0P23752	
8	Wireless,CMB,CBT,8821CE	01AX710	
8	Wireless,CMB,IN,3165 ac	00JT497	

Table 5. Parts list --Overall (continued)

No.	FRU	FRU no.	CRU ID.
9	CMOS BATTERY 3N 81AF	5B10P18554	N
10	IO Board 3N 81J1 W/o cable	5C50R61312	
11	Lower Case 3N 81J2 MGR	5CB0R61044	
11	Lower Case 3N 81J2 MNB	5CB0R61049	
11	Lower Case 3N 81J2 BB	5CB0R61428	
—	AC adapter (see “AC adapters” on page 115).		

LCD FRUs

ideapad S130-11IGM/ideapad 130S-11IGM

In Lenovo ideapad S130-11IGM/ideapad 130S-11IGM, there is following type of LCD.

- "11.6-in. HD"

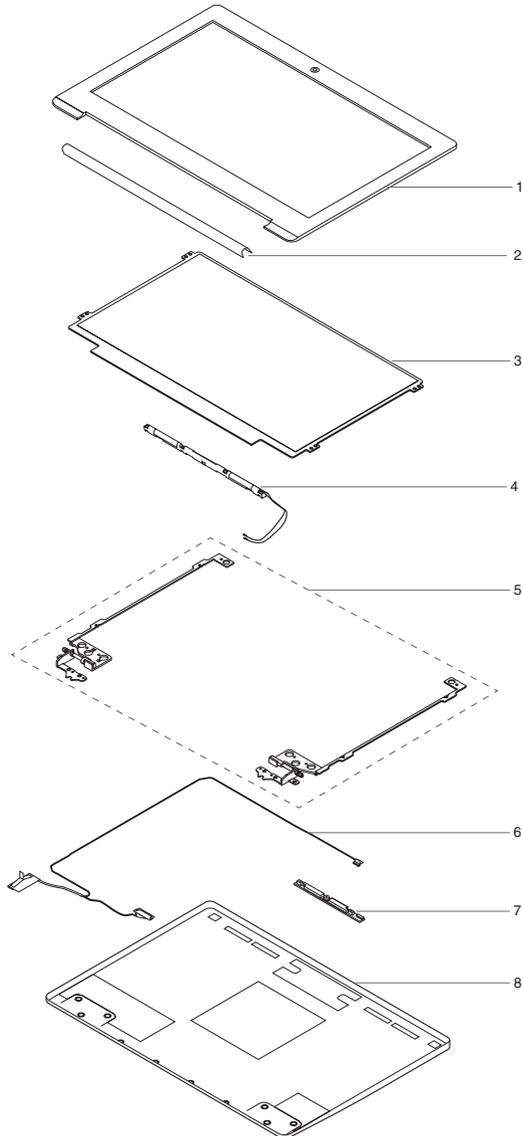


Table 6. Parts list—LCD FRUs
ideapad S130-11IGM/ideapad 130S-11IGM

No.	FRU	FRU no.	CRU ID.
1	LCD Bezel 3N 81A4 Black	5B30P20664	N
2	Hinge Cover 3N 81J1 MGR	5CB0R61380	
2	Hinge Cover 3N 81J1 MNB	5CB0R61177	
2	Hinge Cover 3N 81J1 RPK	5CB0R61447	
2	Hinge Cover 3N 81J1 BW	5CB0R61528	
2	Hinge Cover 3N 81J1 BB	5CB0R61481	
3	IN N116BGE-EA2 C4 HDT AG S NB	5D10M57333	
3	AU B116XTN02.5 0A HDT AG S NB	5D10M57334	
3	IV M116NWR6 R3 HDT AG S NB	5D10M57335	
3	BO NT116WHM-N42 V8.0 HDT AG S NB	5D10N87520	
4	WIFI Antenna module 3N 81A4	5A30P23831	
5	Hinge L+R 3N 81A4	5H50P23706	
6	Lvds cable 3N 81A4	5C10P23897	
7	CAM 3N 81J1 0.3M front W/mic	5C20R61223	
8	LCD Cover 3N 81J1 MGR	5CB0R61468	
8	LCD Cover 3N 81J1 MNB	5CB0R61508	
8	LCD Cover 3N 81J1 RPK	5CB0R61127	
8	LCD Cover 3N 81J1 BW	5CB0R61145	
8	LCD Cover 3N 81J1 BB	5CB0R61515	

ideapad S130-14IGM/ideapad 130S-14IGM

In Lenovo ideapad S130-14IGM/ideapad 130S-14IGM, there is following type of LCD.

- "14.0-in. HD"

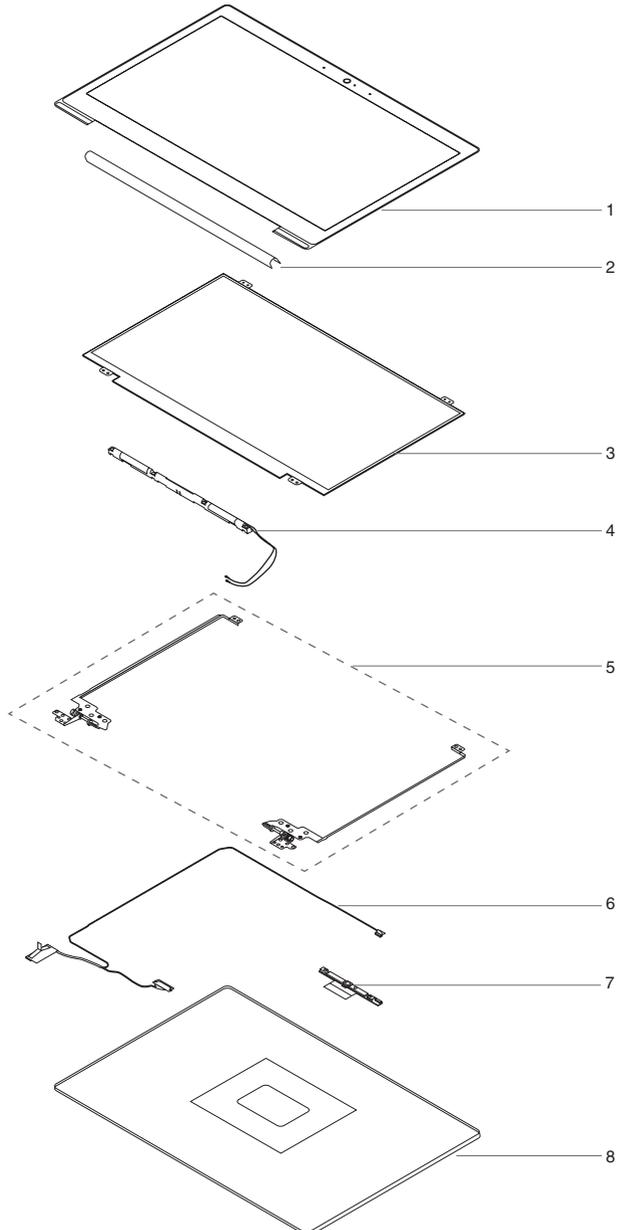


Table 7. Parts list --LCD FRUs
ideapad S130-14IGM/ideapad 130S-14IGM

No.	FRU	FRU no.	CRU ID.
1	LCD Bezel 3N 81A5 Black	5B30P20667	N
2	Hinge Cover 3N 81J2 MGR	5CB0R61166	
2	Hinge Cover 3N 81J2 MNB	5CB0R61275	
2	Hinge Cover 3N 81J2 BB	5CB0R61065	
3	AU B140XTN02.E HWCA HD AG S NB	5D10P54235	
3	IN N140BGA-EA3 HDT AG S NB	5D10K85755	
3	BO NT140WHM-N41 HDT AG S NB	5D10K81099	
3	IV M140NWR6 R1 HW1.2 HDT AG S NB	5D10Q95195	
3	AU B140HTN01.E 2A FHDT AG S NB	5D10L08701	
3	BO NT140FHM-N41 FHDT AG S NB	5D10L01874	
4	WIFI Antenna module 3N 81A5	5A30P23770	
5	Hinge L+R 3N 81A5	5H50P23878	
6	Lvds cable 3N 81A5 For HD	5C10P23856	
6	Lvds cable 3N 81A5 for FHD	5C10Q74941	
7	CAM 3N 81J1 0.3M front W/mic	5C20R61223	
8	LCD Cover 3N 81J2 MGR	5CB0R61381	
8	LCD Cover 3N 81J2 MNB	5CB0R61230	
8	LCD Cover 3N 81J2 BB	5CB0R61249	

Miscellaneous parts

ideapad S130-11IGM/ideapad 130S-11IGM

Table 8. Parts list—Miscellaneous parts

FRU	FRU no.	CRU ID.
System miscellaneous parts:		
• (a) HDD EMI SHIELDING 3N 81A4	5S60P98292	N
• (b) HDD Bracket 3N 81A4 L+R	5B40P23863	
• (c) IO Board cable 3N 81J1	5C10R61446	
Note: <i>Italicized letters in parentheses are references to the exploded view in “Overall” on page 97.</i>		

ideapad S130-14IGM/ideapad 130S-14IGM

Table 9. Parts list --Miscellaneous parts

FRU	FRU no.	CRU ID.
System miscellaneous parts:		
• (a) IO Board cable 3N 81J2	5C10R61424	N
Note: <i>Italicized letters in parentheses are references to the exploded view in “Overall” on page 82.</i>		

AC adapters

Table 10. Parts list—AC adapters

FRU	P/N	CRU ID.
PA-1450-55LR 20V2.25A COO	01FR122	*
ADL45WCK 20V2.25A COO	01FR130	
PA-1450-55LS 20V2.25A COO	01FR123	
ADP-45DW J 20V2.25A COO	01FR110	
PA-1450-55LK 20V2.25A COO	01FR036	
ADL45WCE 20V2.25A COO	01FR131	
PA-1450-55LI 20V2.25A COO	01FR121	
ADP-45DW E 20V2.25A COO	01FR115	
ADP-45DW G 20V2.25A COO	01FR114	
ADL45WCC 20V2.25A COO	01FR128	
ADP-45DW B 20V2.25A COO	01FR111	
PA-1450-55LL 20V2.25A COO	01FR120	
ADP-45DW H 20V2.25A COO	01FR113	
ADL45WCA 20V2.25A COO	01FR126	
PA-1450-55LN 20V2.25A COO	01FR118	
PA-1450-55LZ 20V2.25A COO	01FR125	
ADP-45DW A 20V2.25A COO	01FR109	
ADL45WCH 20V2.25A COO	01FR134	
ADL45WCD 20V2.25A COO	01FR129	
ADL45WCG 20V2.25A COO	01FR133	

Table 10. Parts list—AC adapters (continued)

FRU	P/N	CRU ID.
ADP-45DW C 20V2.25A COO	01FR116	*
ADP-45DW D 20V2.25A COO	01FR112	
ADL45WCF 20V2.25A COO	01FR132	
PA-1450-55LU 20V2.25A COO	01FR124	
ADP-45DW K 20V2.25A COO	01FR117	
PA-1450-55LG 20V2.25A COO	01FR119	
ADL45WCB 20V2.25A COO	01FR127	

Screws

Table 11. Parts list—screws

ideapad S130-11IGM/ideapad 130S-11IGM

FRU	P/N	CRU ID.
Screw Pack 3N 81A4	5S10P23898	N

Table 12. Parts list --screws

ideapad S130-14IGM/ideapad 130S-14IGM

FRU	P/N	CRU ID.
Screw Pack 3N 81A5	5S10P23716	N

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