

# IdeaPad 3 14IIL05 Platform Specifications

Product Specifications Reference (PSREF)

Processor	10th Generation Intel® Core™ i3 / i5 / i7 Processor	Media reader Ports	4-in-1 media reader (MMC, SD, SDHC, SDXC) One USB 2.0, two USB 3.2 Gen 1, HDMI 1.4b, 4-in-1 media reader (MMC, SD, SDHC, SDXC), AC power adapter jack, headphone / microphone combo jack <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>																																
	<table border="1"> <thead> <tr> <th>Processor Number</th> <th># of Cores</th> <th># of Threads</th> <th>Base Frequency</th> <th>Max Turbo Frequency</th> <th>Cache</th> <th>Memory Types</th> <th>Processor Graphics</th> </tr> </thead> <tbody> <tr> <td>i3-1005G1</td> <td>2</td> <td>4</td> <td>1.2 GHz</td> <td>3.4 GHz</td> <td>4MB</td> <td rowspan="4">DDR4-2666</td> <td>Intel UHD Graphics</td> </tr> <tr> <td>i5-1035G1</td> <td rowspan="3">4</td> <td rowspan="3">8</td> <td>1.0 GHz</td> <td>3.6 GHz</td> <td>6MB</td> <td rowspan="3">Intel Iris® Plus Graphics</td> </tr> <tr> <td>i5-1035G4</td> <td>1.1 GHz</td> <td>3.7 GHz</td> <td>6MB</td> </tr> <tr> <td>i7-1065G7</td> <td>1.3 GHz</td> <td>3.9 GHz</td> <td>8MB</td> </tr> </tbody> </table>	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	i3-1005G1	2	4	1.2 GHz	3.4 GHz	4MB	DDR4-2666	Intel UHD Graphics	i5-1035G1	4	8	1.0 GHz	3.6 GHz	6MB	Intel Iris® Plus Graphics	i5-1035G4	1.1 GHz	3.7 GHz	6MB	i7-1065G7	1.3 GHz	3.9 GHz	8MB	Camera	0.3MP or HD720p, with privacy shutter, fixed focus, integrated dual array microphone <i>* HD720p camera for NA only</i>	
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Graphics	Intel UHD Graphics or Intel Iris Plus Graphics in processor, or Intel UHD Graphics or Intel Iris Plus Graphics in processor and NVIDIA® GeForce® MX330 or MX350, 2GB GDDR5 memory; supports external digital monitor via HDMI; supports dual independent display; Max resolution: 1920x1080@60Hz (HDMI)	Audio support	HD Audio, Dolby Audio™, stereo speakers, 1.5W x 2, dual array microphone, headphone / microphone combo jack																																
Chipset Memory	Intel SoC (System on Chip) platform 12GB max offering / 2666MHz DDR4, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket	Keyboard Touchpad	6-row, multimedia Fn keys Buttonless Mylar surface multi-touch touchpad																																
Display	<p><i>One of the following, configurable by model:</i></p> <ul style="list-style-type: none"> <li>14.0" (356mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio</li> <li>14.0" (356mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio</li> <li>14.0" (356mm) FHD (1920x1080), WVA, anti-glare, LED backlight, 250 nits, 16:9 aspect ratio</li> </ul>	Security Security chip	Power-on password, hard disk password, supervisor password Firmware TPM 2.0 integrated in chipset																																
Multi-touch	None	Fingerprint reader	<i>Optional:</i> Touch style fingerprint reader on power button																																
Storage	<p><i>Up to 2 drives (one HDD and one M.2 SSD):</i></p> <ul style="list-style-type: none"> <li>HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high</li> <li>M.2 2242 SSD / PCIe NVMe, PCIe 3.0 x 2</li> <li>M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4</li> <li>Intel Optane™ Memory H10 with Solid State Storage, M.2 2280, PCIe NVMe 3.0 x 4</li> </ul>	Battery	Integrated Li-Polymer 35Wh or 45Wh battery, 45Wh battery supports Rapid Charge (charge up to 80% in 1hr)																																
Optical	None	Max battery life (MobileMark® 2014)	<table border="1"> <thead> <tr> <th>Max battery life</th> <th>Integrated Graphics</th> <th>Discrete Graphics</th> </tr> </thead> <tbody> <tr> <td>35Wh</td> <td>7.5 hr</td> <td>7.7 hr</td> </tr> <tr> <td>45Wh</td> <td>10.1 hr</td> <td>8.6 hr</td> </tr> </tbody> </table> <p><i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i></p>		Max battery life	Integrated Graphics	Discrete Graphics	35Wh	7.5 hr	7.7 hr	45Wh	10.1 hr	8.6 hr																						
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Ethernet	None	AC adapter	65W round tip AC adapter																																
WLAN + Bluetooth™	<p><i>One of the following, configurable by model:</i></p> <ul style="list-style-type: none"> <li>802.11ac 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card</li> <li>802.11ax 2x2 Wi-Fi + Bluetooth 5.0, M.2 Card</li> </ul>	Preload (opt)	<p><i>Preloaded operating system</i></p> <ul style="list-style-type: none"> <li>Windows® 10 Home 64</li> <li>Windows 10 Home in S mode</li> <li>Windows 10 Pro 64</li> </ul> <p><i>Preloaded applications (only some listed)</i></p> <ul style="list-style-type: none"> <li>Microsoft Office Home and Student 2019</li> <li>Microsoft Office Home and Business 2019</li> <li>Microsoft Office Trial (with 30-day license)</li> <li>Microsoft Office 365 Personal</li> <li>Microsoft Office 365 Home</li> <li>Microsoft Office Professional 2019</li> <li>Microsoft Office Personal 2019</li> </ul>																																
Dimensions Weight Case color Case material	<p><i>WxDxH:</i> 12.88" x 9.49" x 0.78"; 327.1mm x 241mm x 19.9mm</p> <p>Starting at 3.5 lb / 1.6 kg</p> <p>Abyss blue IMR, cherry red IMR, platinum grey IMR or business black texture</p> <p>PC/ABS plastic</p>	Limited warranty	<p><i>One of the following, configurable by model:</i></p> <ul style="list-style-type: none"> <li>1-year depot repair service</li> <li>1-year depot with 2-year system board repair service</li> <li>2-year/1-yr battery depot repair service</li> </ul>																																
		Environment	ErP lot3; RoHS-compliant																																

Note: The specifications above may not be available in all regions and might change by region.

Lenovo  
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