ThinkPad L470 Platform Specifications

Product Specifications Reference (PSREF)

| Processor | Intel [®] Celeron [®] processor or 7th Generation Intel Core™ i3 / i5 / i7 F | Processor | Dimensions | WxDxH (FHD model): 13.35" x 9.25" x 0.94"; 339mm x 235mm x 23.9mm |
|-----------------|---|---|--|--|
| | Processor # of # of Base Max Turbo Cache Memory Types | Processor Graphics | Weight | WxDxH (WQHD model): 13.35" x 9.25" x 0.96"; 339mm x 235mm x 24.4mm Models 3-cell 6-cell |
| | | ntel HD Graphics 610 | | Integrated model 4.13 lb / 1.87 kg 4.45 lb / 2.02 kg discrete model 4.16 lb / 1.89 kg 4.48 lb / 2.03 kg |
| | i3-7100U 2 2.4 GHz - 3MB DDR4-2133 DDR4-2133 I i5-7200U 2 4 2.5 GHz 3.1 GHz 3MB DDR4-2133 DDR4-2133 DDR4-2133 I | ntel HD Graphics 620 | Smart card reader Media reader Ports | Black PC/ABS plastic r <i>Optional:</i> Smart card reader 4-in-1 reader (MMC, SD, SDHC, SDXC) Three USB 3.1 Gen 1 / USB 3.0 (one Always On), VGA, Mini DisplayPort, |
| Graphics | Intel HD Graphics 610 or 620 in processor only, or Intel HD Graphics 620 in processor and AMD Radeon™ R5 M430, 2GB memory; supports external analog monitor via VGA and digital monitor via Mini DisplayPort; supports three independent displays; | | Camera <i>(optional)</i> Audio support | Ethernet (RJ-45), Dock connector)HD720p resolution, fixed focus HD Audio, Realtek ALC3268 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack |
| Chipset | Max resolution: 3840x2160@60Hz (DP via mDP cable); 1920x1200 Intel SoC (System on Chip) platform | 0@60Hz (VGA) | Keyboard UltraNav™ | 6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad |
| Memory | 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO * System clocks down for processors with lower memory controller | -DIMM sockets | Security Security chip | Power-on password, hard disk password, supervisor password, security keyhole <i>Win7 model:</i> discrete TPM 1.2, TCG Certified |
| Display | Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle | | | Win10 model: discrete TPM 2.0, TCG Certified Intel vPro Technology r Optional: Swipe style fingerprint reader on the keyboard bezel None |
| Multi-touch | None | gangle | Battery | Li-Ion 3-cell (24Wh) or 6-cell (48Wh or 72Wh) |
| Storage | System has one HDD slot or one M.2 2280 slot exclusively for storage Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Active Protection System[™] Some: SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD) Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s Some: 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage Some: 16GB Intel Optane[™] memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s, in WWAN slot as storage cache for HDD None | | Max battery life ¹⁰ Models 3-cell 6-cell 48Wh 6-cell 72Wh (MobileMark [®] 2014) Integrated model 7.24 hr 14.48 hr 21.72 hr discrete model 4.34 hr 8.68 hr 13.02 hr | |
| | | | AC adapter 45W or 65W AC adapter Preload Windows® 7 Professional 64 preinstalled Some: Windows 10 Home 64 through downgrade rights in Windows 10 Pro 64 • Lenovo Solution Center • Lenovo Solution Center • Lenovo PowerEngage • Microsoft Office preloaded: | |
| Optical | | | | Lenovo Solution Center Lenovo PowerEngage Microsoft Office preloaded; |
| Ethernet | Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) vPro model: Intel Ethernet Connection I219-LM (Jacksonville) | lel: Intel Ethernet Connection I219-LM (Jacksonville) | | ThinkVantage Product Recovery purchase a product key to activate ThinkVantage System Update |
| WLAN | One of the following, configurable by model: • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card • Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card | | | Adobe[®] Reader⁶ Microsoft[®] Office preloaded; purchase a product key to activate McAfee[®] LiveSafe[™] (30-day trial) |
| Bluetooth™ | Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapt * Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Window | oports BT4.2 but is limited to BT4.1 by Windows OS | | One of the following, configurable by model: • 1-year depot repair service |
| WWAN (optional) | Wireless WAN upgradable Integrated Mobile Broadband 4G LTE-A, Qualcomm[®] Snapdragon[™] X7 LTE-A (Sierra Wireless EM7455), M.2 card Integrated Mobile Broadband 4G LTE, Intel XMM[™] 7160 (Fibocom L831-EAU), M.2 card (EMEA only) | | | 3-ýear/1-ýr battery depot repair service 3-year/1-yr battery limited onsite service |
| | | | ' | MIL-STD-810G military certification |
| SIM card (opt) | | | Environment | EPEAT™ Gold (US only); ENERGY STAR [®] 6.1; RoHS-compliant |

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