

# ThinkPad L470 Platform Specifications

Product Specifications Reference (PSREF)

Processor	6th Generation Intel® Core™ i3 / i5 / i7 Processor (i7 processor is not available in EMEA) or Intel Celeron® Processor or 7th Generation Intel Core i3 / i5 / i7 Processor	WWAN (optional) <i>One of the following, configurable by model:</i> • 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) SIM card (opt) Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card																																														
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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; Max resolution: 3840x2160@60Hz (DP via mDP cable); 1920x1200@60Hz (VGA)	Case color Case material																																														
Chipset	Intel SoC (System on Chip) platform	Smart card reader																																														
Memory	32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets * System clocks down for processors with lower memory controller	Media reader																																														
Display	<p><i>Some:</i> 14.0" (355mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio</p> <p><i>Some:</i> 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio</p> <p><i>Some:</i> 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle</p>	Ports																																														
Multi-touch	None	Camera (optional)																																														
Storage	<p><i>System has one HDD slot or one M.2 2280 slot exclusively for storage</i></p> <p><i>Some:</i> HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high, Active Protection System™</p> <p><i>Some:</i> SSD / SATA 6.0Gb/s, 2.5" wide, 7mm high (e.g. xxxGB SSD)</p> <p><i>Some:</i> M.2 SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s</p> <p><i>Some:</i> 128GB M.2 SSD / SATA 6.0Gb/s, in WWAN slot as 2nd Storage, mutually exclusive with WWAN</p>	Audio support																																														
Optical	None	Keyboard																																														
Ethernet	<p><i>Non-vPro model:</i> Intel Ethernet Connection I219-V (Jacksonville)</p> <p><i>vPro model:</i> Intel Ethernet Connection I219-LM (Jacksonville)</p>	UltraNav™																																														
WLAN	<p><i>One of the following, configurable by model:</i></p> <ul style="list-style-type: none"> <li>• Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card</li> <li>• Intel Dual Band Wireless-AC 8260, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card</li> <li>• Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card</li> </ul>	Security																																														
Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter * Intel 8265ac card supports BT4.2 but is limited to BT4.1 by Windows OS	Security chip																																														
		vPro (optional)																																														
		Fingerprint reader																																														
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		Max battery life <sup>10</sup> (MobileMark® 2014)																																														
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		Mil-Spec test																																														
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