ThinkPad L470 Platform Specifications

Processor	6th Generation Intel® Core™ i3 / i5 / i7 Processor *(i7 processor is NOT available in EMEA)* or

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i3-6006U			2.0 GHz	-	3MB		
i3-6100U	2	4	2.3 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520
i5-6200U			2.3 GHz	2.8 GHz	3MB		
i5-6300U			2.4 GHz	3.0 GHz	3MB		

Intel Celeron® Processor or 7th Generation Intel Core i3 / i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
Cel 3965U	2	2	2.2 GHz	-	2MB		Intel HD Graphics 610
i3-7100U			2.4 GHz	-	3MB		
i5-7200U	2	4	2.5 GHz	3.1 GHz	3MB	DDR4-2133	Intel HD Graphics 620
i5-7300U			2.6 GHz	3.5 GHz	3MB		
i7-7500U			2.7 GHz	3.5 GHz	4MB		
i7-7600U			2.8 GHz	3.9 GHz	4MB		

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)
Chipset	Intel SoC (System on Chip) platform
Memory	32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets * System clocks down for processors with lower memory controller
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
Multi-touch	None
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, mutually exclusive with WWAN
Optical	None
Ethernet	*Non-vPro model:* Intel Ethernet Connection I219-V (Jacksonville) *vPro model:* Intel Ethernet Connection I219-LM (Jacksonville)
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
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

WWAN *(optional)*	*One of the following, configurable by model:* • 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
Dimensions Weight	*WxDxH:* 13.35" x 9.25" x 0.94"; 339mm x 235mm x 23.9mm

Models	3-cell	6-cell
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

Case color	Black
Case material	PC/ABS plastic
Smart card reader	*Optional:* Smart card reader
Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)
Ports	Three USB 3.1 Gen 1 (USB 3.0, one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector
Camera *(optional)*	HD720p resolution, fixed focus
Audio support	HD Audio, Realtek ALC3268 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack
Keyboard	6-row, spill-resistant, multimedia Fn keys
UltraNav™	TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad
Security	Power-on password, hard disk password, supervisor password, security keyhole
Security chip	Discrete TPM 2.0, TCG Certified
vPro *(optional)*	Intel vPro Technology
Fingerprint reader	*Optional:* Swipe style fingerprint reader on the keyboard bezel
NFC	None
Battery	Li-Ion 3-cell *(24Wh)* or 6-cell *(48Wh or 72Wh)*
Max battery life[10] *(MobileMark® 2014)*	

Models	3-cell	6-cell 48Wh	6-cell 72Wh
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 slim tip AC adapter
Preload	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 • Lenovo Solution Center • Lenovo PowerEngage • ThinkVantage Product Recovery • ThinkVantage System Update • Adobe® Reader® • Microsoft® Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial) *Some:* Windows 10 Home 64 *Some:* Windows 10 Pro 64 • Lenovo Companion • Lenovo Setting • Microsoft Office preloaded; purchase a product key to activate
Limited warranty	*One of the following, configurable by model:* • 1-year depot repair service • 3-year/1-yr battery depot repair service • 3-year/1-yr battery limited onsite service
Mil-Spec test	MIL-STD-810G military certification
Environment	EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant