ThinkPad L470 Platform Specifications

Processor	6th Generation Intel® Core™ i3 / i5 / i7 Processor (i7 processor is not available in EMEA) or				WWAN (optional) One of the following, configurable by model: • Wireless WAN upgradable	
	` '	of Base Max Turbo	Cache Memory Types	Processor Graphics		 Integrated Mobile Broadband 4G LTE-A, Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card Integrated Mobile Broadband 4G LTE.
	i3-6006U i5-6200U 2 4	2.0 GHz - 2.3 GHz 2.8 GHz	3MB 3MB DDR4-2133	Intel HD Graphics	SIM card (opt)	Integrated Mobile Broadband 4G LTE, Intel XMM™ 7160 (Fibocom L831-EAU), M.2 card (EMEA only) Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card
	i5-6300U i7-6600U	2.4 GHz 3.0 GHz 2.6 GHz 3.4 GHz	3MB 4MB	520	Dimensions Weight	WxDxH: 13.35" x 9.25" x 0.94"; 339mm x 235mm x 23.9mm Models 3-cell 6-cell
	Intel Celeron® Processor or 7th Generation Intel Core i3 / i5 / i7 Processor			rocessor		Integrated model 4.13 lb / 1.87 kg 4.45 lb / 2.02 kg
	Processor # of # of Number Cores Thre		Cache Memory Types	Processor Graphics	Case color	<i>discrete model</i> 4.16 lb / 1.89 kg 4.48 lb / 2.03 kg Black
	Cel 3965U 2	2 2.2 GHz -	2MB	Intel HD Graphics 610	Case material	PC/ABS plastic
	i3-7100U i5-7200U 2 i5-7300U 4	2.4 GHz - 2.5 GHz 3.1 GHz 4 2.6 GHz 3.5 GHz 2.7 GHz 3.5 GHz	3MB 3MB 3MB 4MB	Intel HD Graphics 620	Media reader Ports	er Optional: 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, Ethernet (RJ-45), Dock connector
	i7-7600U	2.8 GHz 3.9 GHz	4MB		Audio support	/)HD720p resolution, fixed focus HD Audio, Realtek ALC3268 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack
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;					6-row, spill-resistant, multimedia Fn keys TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad
	supports three independent displays; Max resolution: 3840x2160@60Hz (DP via mDP cable); 1920x1200@60Hz (VGA			200@60Hz (VGA)	Security Power-on password, hard disk password, supervisor password, security keyhole Discrete TPM 2.0, TCG Certified	
Chipset Memory	Intel SoC (System on Chip) platform 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets * System clocks down for processors with lower memory controller				vPro (optional) Intel vPro Technology Fingerprint reader Optional: Swipe style fingerprint reader on the keyboard bezel NFC None	
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,				Battery	
	220 nits, 16:9	aspect ratio, 400:1 or 500	0:1 contrast ratio			discrete model 4.34 hr 8.68 hr 13.02 hr
	Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 170° viewing angle				AC adapter	45W or 65W AC adapter
Multi-touch	None None				Preload	Windows® 7 Professional 64 preinstalled Some: Windows 10 Home 64
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,					through downgrade rights in Windows 10 Pro 64 • Lenovo Solution Center Some: Windows 10 Pro 64 • Lenovo Companion • Lenovo Setting
						 Lenovo PowerEngage ThinkVantage Product Recovery ThinkVantage System Update Adobe® Reader® Microsoft Office preloaded; purchase a product key to activate
Optical	mutually exclusive with WWAN None					Microsoft® Office preloaded;
Ethernet	Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) vPro model: Intel Ethernet Connection I219-LM (Jacksonville)					purchase a product key to activate • McAfee® LiveSafe™ (30-day trial)
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				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
Bluetooth™	 Intel Dual Band Wireless-AC 8265, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card 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 				Mil-Spec test	MIL-STD-810G military certification
					Environment	EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant
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