

ThinkPad L570 Platform Specifications

Product Specifications Reference (PSREF)

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	4	2.0 GHz	-	3MB	DDR4-2133	Intel HD Graphics 520	
	i3-6100U			2.3 GHz	-	3MB			
	i5-6200U			2.3 GHz	2.8 GHz	3MB			
	i5-6300U			2.4 GHz	3.0 GHz	3MB			
	i7-6500U			2.5 GHz	3.1 GHz	4MB			
	i7-6600U			2.6 GHz	3.4 GHz	4MB			
	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	4	2.2 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610		
i3-7100U			2.4 GHz	-	3MB		Intel HD Graphics 620		
i5-7200U			2.5 GHz	3.1 GHz	3MB				
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 520, 610, or 620 in processor only; 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 / 2133MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets
Display	Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 350:1 contrast ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio, 400:1 or 500:1 contrast ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio, 160° viewing angle
Multi-touch	None
Storage	Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm 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 (optional)	DVD-ROM or DVD burner, 9mm high, fixed, not removable, tray-in
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 (US only) • 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	WxDxH: 14.84" x 10.04" x 1.08-1.21"; 377mm x 255mm x 27.6-30.85mm
Weight	from 5.25 lb / 2.38 kg
Case color	Black
Case material	PC/ABS plastic
ExpressCard (opt)	One slot (ExpressCard/34)
Smart card reader	Optional: Smart card reader
Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)
Ports	Four USB 3.1 Gen 1 / USB 3.0 (one Always On), VGA, Mini DisplayPort, Ethernet (RJ-45), Dock connector
Monitor cable	Optional: Lenovo Mini-DisplayPort to DisplayPort Monitor Cable (MiniDP to DP)
Camera (optional)	HD720p resolution, fixed focus
Audio support	HD Audio, Realtek® ALC3245 codec / stereo speakers, 1.5W x 2 / dual array microphone, combo audio/microphone jack
Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad
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 palm rest
NFC	None
Battery	Li-Ion 6-cell (48Wh)
Max battery life	MobileMark® 2014: 14.8 hr
AC adapter	45W AC adapter
Preload	Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 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