ThinkPad L570 20J8001G++

Region
EMEA

Machine Type
20J8

TopSeller
TopSeller

Processor
Core i3-7100U (2C, 2.4GHz, 3MB)

vPro
No

Graphics
Integrated Intel HD Graphics 620

Memory
4GBx1

Display
15.6" HD (1366x768)

Multi-touch
None

Storage
180GB SSD Opal2

Optical
DVD±RW

WLAN + Bluetooth
Intel 8265 ac, 2x2 + BT4.1

WWAN
WWAN Upgradable

SIM Card
None

Smart Card Reader
Smart Card Reader

ExpressCard
ExpressCard / 34

Monitor Cable
None

Camera
720p

Keyboard
Non-backlit

Fingerprint Reader
Fingerprint Reader

TPM
dTPM 2.0

Battery
6-cell (48Wh)

Power Adapter
45W

Operating System
Windows 10 Pro 64

Warranty
1-year, Depot

End of Support
Mar 14, 2022

Ann Date (mm/yy)
03/17

Note:

Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "**" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries

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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	2.2 GHz	-	2MB		Intel HD Graphics 610
i3-7100U	2	4	2.4 GHz	-	3MB	DDR4-2133	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	Starting at 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 • 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

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