ThinkPad T460 Platform Specifications

Product Specifications Reference (PSREF)

Processor	6th Generation Intel® Core™ i3 / i5 / i7 Processor (i7-6500U for discrete models only)							
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
	i3-6100U			2.3 GHz	-	3MB		
	i5-6200U			2.3 GHz	2.8 GHz	3MB		
	i5-6300U	2	4	2.4 GHz	3.0 GHz	3MB	DDR3L-1600	Intel HD graphics 520
	i7-6500U			2.5 GHz	3.1 GHz	4MB		
	i7-6600U			2.6 GHz	3.4 GHz	4MB		

Graphics
Intel HD Graphics 520 in processor only, or
Intel HD Graphics 520 in processor and NVIDIA GeForce® 940MX, 2GB memory (discrete graphics is only available in US);
supports external digital monitor via HDMI or Mini DisplayPort;
supports three independent displays;
Max resolution: 3840x2160@60Hz (DisplayPort via Mini DisplayPort cable);
1920x1080@60Hz (HDMI)

Chipset Intel SoC (System on Chip) platform
Memory 32GB max[7] / PC3-12800 1600MHz DDR3L, non-parity,
dual-channel capable, two DDR3L SO-DIMM sockets

Display
Some: 14.0" (355mm) HD (1366x768), anti-glare, LED backlight,
200 nits, 16:9 aspect ratio, 350:1 contrast ratio
Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS,
250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 160° viewing angle
Multi-touch (opt) In-cell touch, supports 10-finger gesture, 250 nits

Storage
Some: SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
Some: SSD / PCIe NVMe, PCIe 3.0 x 2, 16Gb/s (e.g. xxxG SSD PCIe NVMe)
Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high,
Shock Mounted Hard Drive, Active Protection System™
Some: SSHD with 8GB NAND flash memory (WE only)
Optical None

Ethernet
Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville)
vPro model: Intel Ethernet Connection I219-LM (Jacksonville)

WLAN[4]
One of the following, configurable by model (WiGig can coexist with WWAN):
• 11ac+BT, Broadcom BCM4356, 2x2, M.2 card
• 11ac+BT, Intel Dual Band Wireless-AC 8260, 2x2, M.2 card
• WiGig™+11ac+BT, Intel Tri-Band Wireless-AC 18260, 2x2 WLAN, WiGig, M.2 card
Bluetooth™ Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter

WWAN (optional)
One of the following, configurable by model (WWAN can coexist with WiGig):
• Wireless WAN upgradable
• Wireless WAN, Sierra Wireless EM7455,
Qualcomm® 4G LTE-Advanced/DC-HSPA+/HSPA+/HSPA/UMTS/GNSS, M.2 card
• Wireless WAN, HUAWEI ME906S,
HUAWEI 4G LTE/WCDMA/HSPA/GSM/GPRS/EDGE/GNSS, M.2 card (WE only)
SIM card (opt) Micro-SIM card slot, optional Verizon LTE (US) or Lenovo Connect (WE) SIM card

Dimensions[3] *WxDxH:* 13.35" x 9.15" x 0.83"; 339mm x 232.5mm x 21mm
Weight[2]

Models	No + 6-cell	3-cell + 3-cell	3-cell + 6-cell
Integrated Non-touch	3.84 lb / 1.74 kg	3.82 lb / 1.73 kg	4.13 lb / 1.87 kg
Integrated Multi-touch	3.91 lb / 1.77 kg	3.88 lb / 1.76 kg	4.20 lb / 1.90 kg
Discrete Non-touch	3.86 lb / 1.75 kg	3.90 lb / 1.77 kg	4.22 lb / 1.91 kg
Discrete Multi-touch	3.93 lb / 1.78 kg	3.97 lb / 1.80 kg	4.28 lb / 1.94 kg

Case material Glass-Fiber Reinforced Plastic

Smart card reader *Optional:* Smart card reader
Media reader 4-in-1 reader (MMC, SD, SDHC, SDXC)
Ports Three USB 3.0 (one Always On), MiniDP, HDMI, Ethernet (RJ-45), Dock connector
WiGig dock (opt) WiGig dock, coexists with WWAN (WE only)

Camera (optional) HD720p resolution, low light sensitive, fixed focus
Audio support HD Audio, Realtek® ALC3245 codec / stereo speakers, 2W x 2 /
dual array microphone, combo audio/microphone jack

Keyboard 6-row, spill-resistant, multimedia Fn keys, optional LED backlight
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 1.2 TCG Certified and Firmware TPM 2.0 integrated in chipset
ThinkEngine Delivers improved thermal and power efficiency, up to 30 day standby,
faster resume time, enhanced security, as well as anti-tampering measures
vPro (optional) Intel vPro Technology
Fingerprint reader *Optional:* Swipe style fingerprint reader on the keyboard bezel

Internal battery *Optional:* Integrated Li-Ion or Li-Polymer 3-cell *(23Wh)*
External battery Li-Ion 3-cell *(23Wh)* or 6-cell *(48Wh or 72Wh)*
Max battery life
(MobileMark® 2014)

Models	6-cell 48Wh	6-cell 72Wh	3 + 3-cell	3 + 6-cell 48Wh	3 + 6-cell 72Wh
Integrated model	10.8 hr	15.3 hr	10.4 hr	15.1 hr	20.2 hr
discrete model	10.5 hr	15 hr	10.1 hr	14.7 hr	19.7 hr

AC adapter 45W or 65W Slim AC adapter

Preload
Windows 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64
• Lenovo Solution Center
• ThinkVantage Product Recovery
• Rescue and Recovery™
• ThinkVantage System Update
• Adobe® Reader®
• Microsoft® Office preloaded;
purchase a product key to activate
• McAfee® LiveSafe™ (30-day trial)

Windows 10 Pro 64
• Lenovo Solution Center
• Lenovo Companion
• Lenovo Setting
• Microsoft Office preloaded;
purchase a product key to activate
• McAfee® LiveSafe™ (30-day trial)

Limited warranty[12] *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[24]
• 3-year/1-yr battery limited onsite service, OID (Onsite International Delivery)

Mil-Spec test MIL-STD-810G military certification
Environment EPEAT™ Gold (US only); ENERGY STAR® 6.1; GREENGUARD®; RoHS-compliant