ThinkPad T460s Platform Specifications

Processor — 6th Generation Intel® Core™ i5 / i7 Processor

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i5-6200U	2	4	2.3 GHz	2.8 GHz	3MB	DDR4-2133	Intel HD Graphics 520
i5-6300U			2.4 GHz	3 GHz	3MB		
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® 930M, 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);
4096x2160@24Hz (HDMI)

Chipset — Intel SoC (System on Chip) platform

Memory — 20GB or 24GB max[7] / 2133MHz DDR4, dual-channel capable,
4GB or 8GB memory soldered to systemboard, one DDR4 SO-DIMM socket

Display — *Some:* 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 700:1 contrast ratio, 160° viewing angle
Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS, 300 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:* M.2 SSD / SATA 6.0Gb/s (e.g. xxxG SSD)
Some: M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s (e.g. xxxG SSD PCIe NVMe)

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 is mutually exclusive 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 (mutually exclusive 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:* 13.03" x 8.93" x 0.67-0.74"; 331mm x 226.8mm x 16.9-18.8mm

Weight[2] — *Integrated model:* starting at 3.0 lb (1.36kg);
Discrete model: starting at 3.3 lb (1.50kg)

Case material — *Display cover:* Carbon-Fiber Reinforced Plastic;
Bottom: Magnesium alloy

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, mutually exclusive with WWAN

Camera *(optional)* — HD720p resolution, low light sensitive, fixed focus

Audio support — HD Audio, Realtek® ALC3245 codec / stereo speakers, 1W 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 crystal silk 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:* Touch style fingerprint reader on the palm rest

Internal battery — Front Li-Polymer 3-cell *(23Wh)* and rear Li-Ion 3-cell *(26Wh)*, both Integrated

Max battery life[10] — *MobileMark® 2014:* up to 10.5 hr

AC adapter — 45W or 65W 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

Model	20F90051++
Product	ThinkPad T460s
Region	EMEA
Machine Type	20F9
TopSeller	TopSeller
Processor	Core i5-6200U (2C, 2.3 / 2.8GHz, 3MB)
vPro	No
Graphics	Integrated Intel HD Graphics 520
Memory	4GB Soldered + 8GB DIMM
Display	14" FHD (1920x1080) IPS
Multi-touch	None
Storage	512GB SSD M.2 Opal2
Optical	None
WLAN + Bluetooth	Intel 8260 ac, 2x2 + BT4.1
WWAN	Sierra EM7455
SIM Card	None
Smart Card Reader	Smart Card Reader
Dock	None
Camera	720p
Keyboard	Backlit
Fingerprint Reader	Fingerprint Reader
Battery	3-cell (23Wh) + 3-cell (26Wh)
Power Adapter	45W
Operating System	Windows 10 Pro 64
Warranty	3-year, Onsite
Global	No
Ann Date (mm/yy)	04/16


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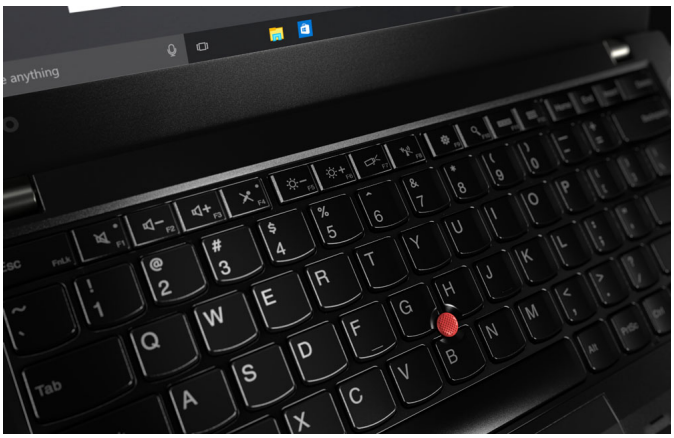







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