ThinkPad T470p Platform Specifications

Processor	7th Generation Intel® Core™ i5 / i7 Processor	Dimensions	FHD (WxDxH): 13.35" x 9.25" x 0.94"; 339mm x 235mm x 24mm
	Processor # of # of Base Max Turbo Cache Types Graphics	Weight	WQHD (WxDxH): 13.35" x 9.25" x 0.96"; 339mm x 235mm x 24.4mm Models 3-cell 6-cell
	i5-7300HO 2.5 GHz 3.5 GHz 6MB	l saight	Integrated model 3.83 lb / 1.74 kg 4.16 lb / 1.89 kg
	i5-7440HQ 4 2.8 GHz 3.8 GHz 6MB DDR4-2400 Intel HD Graphics		discrete model 4.01 lb / 1.82 kg 4.33 lb / 1.96 kg
		Case color	Black
	i7-7820HQ	Case material	Display cover: PC/ABS plastic; Bottom: Magnesium alloy
Graphics	Intel HD Graphics 630 in processor only, or Intel HD Graphics 630 in processor and NVIDIA GeForce® 940MX, 2GB 2.5GHz GDDR5 memory; supports external digital monitor via HDMI or Mini DisplayPort; supports three independent displays;	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), HDMI 1.4b, Mini DisplayPort 1.2a, Ethernet (RJ-45), Dock connector
	Max resolution: 4096x2304@60Hz (DisplayPort via Mini DisplayPort cable); 4096x2160@24Hz (HDMI)	Monitor cable (optional)	HDMI to VGA: Lenovo HDMI to VGA Monitor Adapter MiniDP to DP: Lenovo Mini-DisplayPort to DisplayPort Monitor Cable
Chipset Memory	Mobile Intel QM175 Chipset 32GB max / 2400MHz DDR4, dual-channel capable, two DDR4 SO-DIMM sockets	Camera Audio support	HD720p resolution, fixed focus HD Audio, Realtek ALC3268 codec / stereo speakers, 1W x 2 / dual array microphone, combo audio/microphone jack
Display	Some: 14.0" (355mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 250 nits, 16:9 aspect ratio, 600:1 contrast ratio, 160° viewing angle Some: 14.0" (355mm) WQHD (2560x1440), anti-glare, LED backlight, IPS,	Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, LED backlight TrackPoint® pointing device and buttonless Mylar surface multi-touch touchpad
Multi-touch (opt)	300 nits, 16:9 aspect ratio, 700:1 contrast ratio, 160° viewing angle On-cell touch, supports 10-finger gesture (FHD only)	Security Security chip	Power-on password, hard disk password, supervisor password, security keyhole Discrete TPM 2.0, TCG Certified
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™	vPro <i>(optional)</i> Fingerprint reade NFC	Intel vPro Technology or Touch style match on chip fingerprint reader on the keyboard bezel None
	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,	Battery Max battery life AC adapter	Li-lon 3-cell <i>(24Wh)</i> or 6-cell <i>(48Wh or 72Wh) MobileMark</i> ® <i>2014:</i> 12.85 hr 90W or 135W AC adapter
Optical	mutually exclusive with WWAN None	Preload	Some: Windows® 10 Home 64 Some: Windows 10 Pro 64
Ethernet	Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) vPro model: Intel Ethernet Connection I219-LM (Jacksonville)	_	Lenovo CompanionLenovo Setting
WLAN	One of the following, configurable by model: • Realtek® RTL8822BE, Wi-Fi 2x2 802.11ac + BT4.1, M.2 card		 Microsoft® Office preloaded; purchase a product key to activate
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 support BT4.2 but is limited to BT4.1 by Windows OS 	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-vr battery limited onsite service
WWAN (optional)	One of the following, configurable by model: • Wireless WAN upgradable	Mil-Spec test	MIL-STD-810G military certification
	Integrated Mobile Broadband 4G LTE-A,	Environment	EPEAT™ Gold (US only); ENERGY STAR® 6.1; RoHS-compliant
SIM card (opt)	Qualcomm® Snapdragon™ X7 LTE-A (Sierra Wireless EM7455), M.2 card Micro-SIM card slot, opt Verizon LTE (US) or Lenovo® Connect (EMEA) SIM card	LIMIOIIIIEIII	El EAT Gold (00 0119), ENERGY STAR 0.1, Roll 10-0011pilatit
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