ThinkPad P72 20MB0000++

Region
EMEA

Machine Type
20MB

TopSeller
TopSeller

Processor
Xeon E-2186M (6C, 2.9 / 4.8GHz, 12MB)

vPro
vPro

Graphics
NVIDIA Quadro P5200 16GB

Chipset
Intel CM246

Memory
16GBx2 ECC

Display
17.3" 4K (3840x2160) IPS

Multi-touch
None

Pen
None

Storage
1TB SSD M.2 PCIe NVMe Opal2

RAID
No

Optical
None

WLAN + Bluetooth
Intel 9560 ac, 2x2 + BT5.0

WWAN
None

SIM Card
None

Smart Card Reader
Smart Card Reader

Monitor Cable
None

Camera
IR &720p

Keyboard
Backlit

Fingerprint Reader
Fingerprint Reader

NFC
None

TPM
dTPM 2.0

Battery
99Wh

Power Adapter
230W Slim Tip

Operating System
Windows 10 Pro 64 for Workstations

Warranty
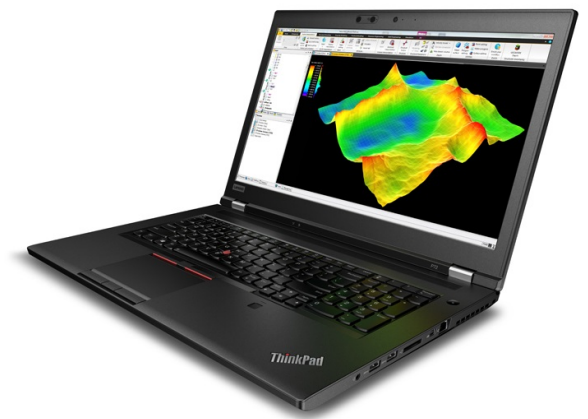3-year, Onsite

End of Support
Oct 4, 2024

Ann Date (mm/yy)
09/18

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

ThinkPad P72 Platform Specifications

| Processor | 8th Generation Intel® Core™ i7 Processor or Intel Xeon® E Processor |

Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics
i7-8750H			2.2 GHz	4.1 GHz	9MB		Intel UHD Graphics 630
i7-8850H	6	12	2.6 GHz	4.3 GHz	9MB	DDR4-2400	
E-2176M			2.7 GHz	4.4 GHz	12MB		Intel UHD Graphics P630
E-2186M			2.9 GHz	4.8 GHz	12MB		

Graphics	Intel UHD Graphics 630 or P630 in processor and NVIDIA Quadro® P600 (4GB memory), P2000 (4GB memory), P3200 (6GB memory), P4200 (8GB memory), or P5200 (16GB memory); supports external digital monitor via HDMI, Mini DisplayPort, or Thunderbolt™; supports four independent displays; Max resolution: 3840X2160@60Hz (DisplayPort via Mini DisplayPort cable); 5120X2880@30Hz (Thunderbolt); 4096x2160@60Hz (HDMI)
Chipset	Mobile Intel CM246 Chipset
Memory	128GB non-ECC or 64GB ECC max / 2400MHz DDR4 (ECC function supported only on Xeon processor), dual-channel capable, four DDR4 SO-DIMM sockets ** Installed DIMMs are actually 2666MHz but run at 2400MHz due to Intel limitation*
Display	*Some:* 17.3" (439mm) FHD (1920x1080), anti-glare, LED backlight, IPS, 300 nits, 16:9 aspect ratio, 800:1 contrast ratio, 72% gamut, 170° viewing angle *Some:* 17.3" (439mm) 4K (3840x2160), anti-glare, LED backlight, IPS, 400 nits, 16:9 aspect ratio, 1000:1 contrast ratio, 90% gamut, 170° viewing angle
Multi-touch	None
Pen	Supports pen accessory, please see the accessory compatibility for details
Storage	*Up to 3 drives (two M.2 SSD and one HDD)* *Some:* HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ *Some:* M.2 SSD / PCIe NVMe, PCIe 3.0 x 4, 32Gb/s *Some:* 16GB Intel Optane™ memory, PCIe NVMe, PCIe 3.0 x 2, 16Gb/s
RAID *(optional)*	RAID 0/1 support
Optical	None
Ethernet	*Non-vPro model:* Intel Ethernet Connection I219-V (Jacksonville) *vPro model:* Intel Ethernet Connection I219-LM (Jacksonville)
WLAN	Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter
WWAN	None
SIM card	None

Dimensions	*WxDxH:* 16.38" x 11.06" x 0.96-1.16"; 416mm x 281mm x 24.5-29.4mm
Weight	Starting at 7.5 lb (3.4kg)
Case color	Black
Case material	*Display cover:* GFRP + PPS; *Bottom:* Magnesium/Aluminum
Smart card reader	*Optional:* Smart card reader
ExpressCard	None
Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC), supports UHS-II SD card
Ports	Four USB 3.1 Gen 1 (one Always On), two USB Type-C / Thunderbolt 3, Mini DisplayPort 1.4, HDMI 2.0, Ethernet (RJ-45), headphone / microphone combo jack, optional smart card reader, 4-in-1 reader (MMC, SD, SDHC, SDXC), security keyhole
Monitor cable	*Optional:* Lenovo Mini-DisplayPort to DisplayPort Monitor Cable
Camera *(optional)*	IR camera and HD720p camera, fixed focus
Audio support	HD Audio, Realtek® ALC3286 codec, stereo speakers, 2W x 2, Dolby® Audio™ Premium, headphone / microphone combo jack, Dolby Atmos® headphone, dual array microphone
Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, LED backlight
UltraNav™	3-button TrackPoint® pointing device and 3-button 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	Touch style match on chip fingerprint reader on the palm rest
Color calibration	None
NFC *(optional)*	Near Field Communication
Battery	Li-Ion 99Wh battery
Max battery life *(MobileMark® 2014)*	18 hr ** Battery life varies significantly with settings, usage, & other factors*
AC adapter	230W slim tip AC adapter
Preload	*One of the following, configurable by model:* • Windows® 10 Home 64 • Windows 10 Pro 64 • Windows 10 Pro 64 for Workstations
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; ENERGY STAR® 6.1; RoHS-compliant

Note: The specifications above may not be available in all regions.