ThinkPad P72 20MB0007++

Product
ThinkPad P72

Region
EMEA

Machine Type
20MB

TopSeller
TopSeller

Processor
Core i7-8750H (6C, 2.2 / 4.1GHz, 9MB)

vPro
No

Graphics
NVIDIA Quadro P2000 4GB

Chipset
Intel CM246

Memory
8GBx1 non-ECC

Display
17.3" FHD (1920x1080) IPS

Multi-touch
None

Pen
None

Storage
256GB 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

Warranty
3-year, Onsite

End of Support
Oct 4, 2024

Ann Date (mm/yy)
09/18

Notes:

Battery life is an estimated maximum. Actual battery life may vary based on many factors, including screen brightness, active applications, features, power management settings, battery age and conditioning, and other customer preferences. **https://www.lenovo.com/hk/en/battery-info**

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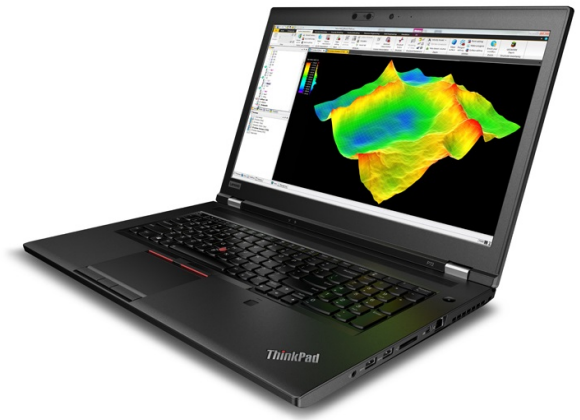

ThinkPad P72 Platform Specifications

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	6	12	2.2 GHz	4.1 GHz	9MB	DDR4-2400	Intel UHD Graphics 630
i7-8850H			2.6 GHz	4.3 GHz	9MB		
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, 100% Adobe CG, 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
Bluetooth™

Intel Wireless-AC 9560, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M.2 card
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
** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

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 / dual array microphone,
headphone / microphone combo jack, Dolby Atmos® headphone

Keyboard
UltraNav™

6-row, spill-resistant, multimedia Fn keys, numeric keypad, LED backlight
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, supports Rapid Charge (charge up to 80% in 1hr)

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® 7.0; RoHS-compliant

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

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