# ThinkPad P73 20QR000EUS

***Product***
ThinkPad P73

***Region***
NA

***Country/Region***
USA

***Machine Type***
20QR

***TopSeller***
TopSeller

***Processor***
Core i9-9880H (8C / 16T, 2.3 / 4.8GHz, 16MB)

***Graphics***
NVIDIA Quadro RTX 4000 8GB GDDR6

***Chipset***
Intel CM246

***Memory***
1x 16GB DIMM DDR4-2666 non-ECC

***Display***
17.3" UHD (3840x2160) IPS 400nits Anti-glare

***Multi-touch***
None

***Storage***
512GB SSD M.2 2280 PCIe NVMe Opal2

***Optane Memory***
None

***RAID***
No

***Optical***
None

***WLAN + Bluetooth***
Intel AX200 11ax, 2x2 + BT5.0

***WWAN***
None

***SIM Card***
None

***Smart Card Reader***
None

***Monitor Cable***
None

***Bundled Accessories***
None

***Color***
Black

***Camera***
720p + IR

***Keyboard***
Backlit

***Pen***
None

***Fingerprint Reader***
Fingerprint Reader

***NFC***
None

***Color Calibrator***
None

***TPM***
Discrete TPM 2.0

***Battery***
Integrated 99Wh

***Power Adapter***
230W Slim Tip

***System Management***
Intel vPro

***Operating System***
Windows 10 Pro 64

***Bundled Software***
None

***Base Warranty***
3-year, Depot

***Service Bundles***
None

***End of Support***
2025-09-13

***Announce Date***
2019-08-13

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***Recommended Services***

***Good***
3Y Premier Support Upgrade from 3Y Depot/CCI (5WS0V07092)

**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.

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In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: **https://www.calrecycle.ca.gov/Electronics/Consumer**

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# ThinkPad P73 Platform Specifications



**Processor**

9th Generation Intel® Core™ i5 / i7 / i9 Processor or Intel Xeon® E Processor

| Processor Number | # of Cores | # of Threads | Base Frequency | Max Turbo Frequency | Cache | Memory Types | Processor Graphics |
|---|---|---|---|---|---|---|---|
| i5-9400H | 4 | 8 | 2.5 GHz | 4.3 GHz | 8MB | DDR4-2666 | Intel UHD Graphics 630 |
| i7-9750H | 6 | 12 | 2.6 GHz | 4.5 GHz | 12MB | | |
| i7-9850H | 6 | 12 | 2.6 GHz | 4.6 GHz | 12MB | | |
| i9-9880H | 8 | 16 | 2.3 GHz | 4.8 GHz | 16MB | | |
| E-2276M | 6 | 12 | 2.8 GHz | 4.7 GHz | 12MB | | Intel UHD Graphics P630 |

**Graphics**

Intel UHD Graphics 630 or P630 in processor and
NVIDIA Quadro® P620 (4GB GDDR5), T2000 (4GB GDDR5),
RTX 3000 (6GB GDDR6, VR ready), RTX 4000 Max-Q (8GB GDDR6, VR ready),
or RTX 5000 Max-Q (16GB GDDR6, VR ready);
supports external digital monitor via HDMI or Thunderbolt™;
supports five independent displays;
Max resolution: 5K@60Hz (Thunderbolt); 4K@60Hz (USB-C or HDMI)

**Chipset**

Mobile Intel CM246 Chipset

**Memory**

128GB max / 2666MHz 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**

| Size | Resolution | Type | Surface | Brightness | Aspect Ratio | Contrast Ratio | Color Gamut | Viewing Angle |
|---|---|---|---|---|---|---|---|---|
| 17.3" | FHD (1920x1080) | IPS | Anti-glare | 300 nits | 16:9 | 700:1 | 72% | 160° |
| 17.3" | UHD (3840x2160) Dolby Vision™ HDR | IPS | Anti-glare | 400 nits | 16:9 | 1000:1 | 100% | 170° |

**Multi-touch**

None

**Pen**

None

**Storage**

*Up to 3 drives (two M.2 SSD and one HDD)*
- HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™
- M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4

**Optane™ memory**

*Optional:* Intel Optane memory, PCIe NVMe, PCIe 3.0 x 2

**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 Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth 5.0

**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 1.02-1.22"; 416mm x 281mm x 25.9-31mm

**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**

Three USB 3.1 Gen 1 (one Always On),
one USB 3.1 Type-C Gen 1 (with the function of Power Delivery and DisplayPort),
two USB 3.1 Type-C Gen 2 / Thunderbolt 3 (with the function of PD and DP),
HDMI 2.0, Ethernet (RJ-45), headphone / microphone combo jack,
optional smart card reader, 4-in-1 reader (MMC, SD, SDHC, SDXC),
security keyhole
** Power Delivery only supports power-out for charging peripherals*
** Depending on many factors, actual data transfer speed may be lower than theoretical speed*

**Monitor cable *(optional)***

*HDMI to VGA:* Lenovo HDMI to VGA Monitor Adapter
*USB-C to VGA:* Lenovo USB-C to VGA Adapter
*USB-C to DP:* Lenovo USB-C to DisplayPort Adapter

**Bundled Accy**

None

**Camera *(optional)***

*One of the following, configurable by model:*
- HD720p camera with ThinkShutter camera privacy, fixed focus
- IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus

**Audio support**

HD Audio, Synaptic® CX11880 codec / stereo speakers, 2W x 2 /
dual array far-field microphone, headphone / microphone combo jack,
Dolby Atmos® sound system

**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**

*Optional:* X-Rite Pantone factory color calibration (UHD model only)

**NFC *(optional)***

Near Field Communication

**Battery**

Integrated Li-ion 99Wh battery, supports Rapid Charge (charge up to 80% in 1hr)

**Max battery life (*MobileMark® 2014*)**

*Discrete mode:* 7 hr; *Hybrid mode:* 10 hr
** Battery life varies significantly with settings, usage, & other factors*

**AC adapter**

170W or 230W slim tip AC adapter

**Operating system**

*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 testing

**Environment**

EPEAT™ Silver; ENERGY STAR® 7.1; RoHS-compliant

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

# ThinkPad P73












