

ThinkPad P73 20QR000VUS

Product

ThinkPad P73

Region

NA

Country/Region

USA

Machine Type

20QR

TopSeller

TopSeller

Processor

Core i7-9850H (6C / 12T, 2.6 / 4.6GHz, 12MB)

Graphics

NVIDIA Quadro RTX 3000 6GB GDDR6

Chipset

Intel CM246

Memory

1x 32GB DIMM DDR4-2666 non-ECC

Display

17.3" FHD (1920x1080) IPS 300nits 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

Upsell Service Bundles

None

End of Support

2025-09-13

Announce Date

2019-08-13

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.

California Electronic Waste Recycling Fee

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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PSREF <https://psref.lenovo.com>

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ThinkPad P73 Platform Specifications

Product Specifications Reference (PSREF)

| | | | | | | | | | | | | | | |
|-----------------|--|--------------------------------------|--------------|----------------|---------------------|--------------|-------------------------|------------------------|---------------|--|---|---|--|---|
| Processor | 9th Generation Intel® Core™ i5 / i7 / i9 Processor or Intel Xeon® E Processor | | | | | | | | | | Dimensions Weight Case color Case material | WxDxH: 16.38" x 11.06" x 1.02-1.22"; 416mm x 281mm x 25.9-31mm Starting at 7.5 lb (3.4kg) Black Display cover: GFRP + PPS; Bottom: Magnesium/Aluminum | | |
| | 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) | | | | | | | | | | Smart card reader ExpressCard Media reader Ports Monitor cable (optional) Bundled Accy | Optional: Smart card reader None 4-in-1 reader (MMC, SD, SDHC, SDXC), supports UHS-II SD card 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 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 None | | |
| 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 Pen | None None | | | | | | | | | | Audio support | 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 HD Audio, Synaptic® CX11880 codec / stereo speakers, 2W x 2 / dual array far-field microphone, headphone / microphone combo jack, Dolby Atmos® sound system | | |
| 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) | | | | | | | | | | 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 | | |
| 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 | | | | | | | | | | | | | |
| | | | | | | | | | | | | Security Security chip vPro (optional) Fingerprint reader Color calibration NFC (optional) | Power-on password, hard disk password, supervisor password, security keyhole Discrete TPM 2.0, TCG Certified Intel vPro Technology Touch style match on chip fingerprint reader on the palm rest Optional: X-Rite Pantone factory color calibration (UHD model only) Near Field Communication | |
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| | | | | | | | | | | | | Battery Max battery life (MobileMark® 2014) AC adapter | Integrated Li-ion 99Wh battery, supports Rapid Charge (charge up to 80% in 1hr) Discrete mode: 7 hr; Hybrid mode: 10 hr * Battery life varies significantly with settings, usage, & other factors 170W or 230W slim tip AC adapter | |
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| | | | | | | | | | | | | Operating system | One of the following, configurable by model: • Windows® 10 Home 64 • Windows 10 Pro 64 • Windows 10 Pro 64 for Workstations | |
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| | | | | | | | | | | | | Mil-Spec test | MIL-STD-810G military testing | |
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| | | | | | | | | | | | | Environment | | EPEAT™ Silver; ENERGY STAR® 7.1; RoHS-compliant |

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

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