

ThinkPad P73 20QR001JUS

Product

ThinkPad P73

Region

NA

Country/Region

USA

Machine Type

20QR

TopSeller

TopSeller

Processor

Core i7-9750H (6C / 12T, 2.6 / 4.5GHz, 12MB)

Graphics

NVIDIA Quadro P620 4GB GDDR5

Chipset

Intel CM246

Memory

1x 32GB DIMM DDR4-2666 non-ECC

Display

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

Multi-touch

None

Storage

1TB 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

170W Slim Tip

System Management

None

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

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	Optional: Smart card reader
Chipset	Mobile Intel CM246 Chipset										ExpressCard	None
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										Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC), supports UHS-II SD card
Display	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	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 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	
	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										Bundled Accy	None
Pen	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
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										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
Optane™ memory	Optional: Intel Optane memory, PCIe NVMe, PCIe 3.0 x 2										Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, LED backlight
RAID (optional)	RAID 0/1 support										UltraNav™	3-button TrackPoint® pointing device and 3-button Mylar surface multi-touch touchpad
Optical	None										Security	Power-on password, hard disk password, supervisor password, security keyhole
Ethernet	Non-vPro model: Intel Ethernet Connection I219-V (Jacksonville) vPro model: Intel Ethernet Connection I219-LM (Jacksonville)										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
WLAN	Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth 5.0										Color calibration	Optional: X-Rite Pantone factory color calibration (UHD model only)
Bluetooth™	Bluetooth 5.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter										NFC (optional)	Near Field Communication
WWAN	None										Battery	Integrated Li-ion 99Wh battery, supports Rapid Charge (charge up to 80% in 1hr)
SIM card	None										Max battery life	Discrete mode: 7 hr; Hybrid mode: 10 hr (MobileMark® 2014) * 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.

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