

ThinkPad P73 20QR0021US

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 5000 16GB GDDR6

Chipset

Intel CM246

Memory

2x 32GB DIMM DDR4-2666 non-ECC

Display

17.3" FHD (1920x1080) IPS 300nits 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

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	
												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	
												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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August 2019

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