

# ThinkPad P73 Platform Specifications

Product Specifications Reference (PSREF)

Processor	9th Generation Intel® Core™ i5 / i7 / i9 Processor or Intel Xeon® E Processor									Dimensions	<i>WxDxH:</i> 16.38" x 11.06" x 1.02-1.22"; 416mm x 281mm x 25.9-31mm		
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		Weight	Starting at 7.5 lb (3.4kg)		
	i5-9400H	4	8	2.5 GHz	4.3 GHz	8MB	DDR4-2666	Intel UHD Graphics 630		Case color	Black		
	i7-9750H	6	12	2.6 GHz	4.5 GHz	12MB				Case material	<i>Display cover:</i> GFRP + PPS; <i>Bottom:</i> Magnesium/Aluminum		
	i7-9850H	6	12	2.6 GHz	4.6 GHz	12MB				Smart card reader	<i>Optional:</i> Smart card reader		
	i9-9880H	8	16	2.3 GHz	4.8 GHz	16MB				ExpressCard	None		
	E-2276M	6	12	2.8 GHz	4.7 GHz	12MB		Intel UHD Graphics P630	Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC), supports UHS-II SD card			
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); Up to 5 displays with 4 external monitors plus system LCD screen. External monitors supported via USB-C, Thunderbolt, and HDMI Max resolution: 5K@60Hz (Thunderbolt); 4K@60Hz (USB-C or HDMI)									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 <i>* Power Delivery only supports power-out for charging peripherals</i> <i>* Depending on many factors, actual data transfer speed may be lower than theoretical speed</i>		
Chipset	Mobile Intel CM246 Chipset									Monitor cable (optional)	<i>HDMI to VGA:</i> Lenovo HDMI to VGA Monitor Adapter <i>USB-C to VGA:</i> Lenovo USB-C to VGA Adapter <i>USB-C to DP:</i> Lenovo USB-C to DisplayPort Adapter		
Memory	128GB max / 2666MHz DDR4 (ECC function supported only on Xeon processor), dual-channel capable, four DDR4 SO-DIMM sockets									Bundled Accy	None		
Display	Size	Resolution	Type	Surface	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Camera (optional)	IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus		
	17.3"	FHD (1920x1080)	WVA	Anti-glare	300 nits	16:9	700:1	72%	160°	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		
	17.3"	UHD (3840x2160) Dolby Vision™ HDR	WVA	Anti-glare	400 nits	16:9	1000:1	100%	170°	Keyboard	6-row, spill-resistant, multimedia Fn keys, numeric keypad, LED backlight		
Multi-touch	None									UltraNav™	3-button TrackPoint® pointing device and 3-button Mylar surface multi-touch touchpad		
Pen	None									Security	Power-on password, hard disk password, supervisor password, security keyhole		
Storage	Up to 3 drives (two M.2 SSD and one HDD), supports single sided M.2 2280 drives only • HDD / SATA 6.0Gb/s, 2.5" wide, 7mm high, Active Protection System™ • M.2 2280 SSD / PCIe NVMe, PCIe 3.0 x 4									Security chip	Discrete TPM 2.0, TCG Certified		
Optane™ memory	<i>Optional:</i> Intel Optane memory, PCIe NVMe, PCIe 3.0 x 2									vPro (optional)	Intel vPro Technology		
RAID (optional)	RAID 0/1 support									Fingerprint reader	Touch style match on chip fingerprint reader on the palm rest		
Optical	None									Color calibration	<i>Optional:</i> X-Rite Pantone factory color calibration (UHD model only)		
Ethernet	<i>Non-vPro model:</i> Intel Ethernet Connection I219-V (Jacksonville) <i>vPro model:</i> Intel Ethernet Connection I219-LM (Jacksonville)									NFC (optional)	Near Field Communication		
WLAN (optional)	Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth 5.1									Battery	Integrated Li- Polymer 99Wh battery, supports Rapid Charge (charge up to 80% in 1hr)		
Bluetooth™ (opt)	Bluetooth 5.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter									Max battery life	<i>MobileMark® 2014:</i> 17.2 hr <i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i>		
WWAN	None									AC adapter	170W or 230W slim tip AC adapter		
SIM card	None									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™ Gold; ENERGY STAR® 8.0; RoHS-compliant		

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

Lenovo  
November 2019