ThinkPad P1 (2nd Gen) 20QT003KMC

Product

ThinkPad P1 (2nd Gen)

Region

Country/Region

Czech Republic

Machine Type

TopSeller

TopSeller

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

NVIDIA Quadro T2000 Max-Q 4GB GDDR5

Chipset

Intel CM246

Memory

2x 16GB SO-DIMM DDR4-2666 non-ECC

Storage

1TB SSD M.2 2280 PCIe NVMe Opal2

RAID Preset

Display

15.6" UHD (3840x2160) IPS 500nits Anti-glare, 100% Adobe Gamut,

Dolby Vision, HDR

Touchscreen

None

Pen

Media Reader

Ethernet

100/1000M via Optional Adapter

Optical

WLAN + Bluetooth

Intel AX200 11ax, 2x2 + BT5.1

WWAN

None

SIM Card

Smart Card Reader

Smart Card Reader

Monitor Cable None

Case Material

CFRP/GFRP (Top), Aluminum (Bottom)

Bundled Accessories

ThinkPad Ethernet Extension Cable

Camera

720p + IR with ThinkShutter

Microphone

2x, Array

Color Black, Weave

Keyboard

Backlit, Czech / Slovak

Fingerprint Reader Touch Style, Match-on-Chip

NFC None

Color Calibrator

Factory Color Calibration

TPM

Discrete TPM 2.0

Battery

Integrated 80Wh

Power Adapter 135W Slim Tip

System Management

Intel vPro

Operating System

Windows 10 Pro 64, Czech / English

Bundled Software

None

Base Warranty

3-year, Depot

Bundled Service

3Y Onsite upgrade from 3Y Depot/CCI (5WS0V07088)

EAN/UPC/JAN

0194552392604

End of Support

2026-02-02 Announce Date

2019-09-17

Recommended Services

5Y Premier Support Upgrade from 3Y Onsite (5WS0V07089)

Better

4Y Premier Support Upgrade from 3Y Onsite (5WS0V07069)

3Y Premier Support Upgrade from 3Y Onsite (5WS0V07066)

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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ThinkPad P1 (2nd Gen) Platform Specifications

Product Specifications Reference (PSREF)

Processor	9th Generation Intel® Core™ i5 / i7 / i9 Processor or Intel Xeon® E Processor										Dimensions	WxDxH (non-touch): 14.24" x 9.67" x 0.72"; 361.8mm x 245.7mm x 18.4mm
	Numbe	Processor # of # of Number Cores Thread			Base Max Turbo Frequency Frequency			lemory Types	Processor Graphics		Weight	WxDxH (multi-touch): 14.24" x 9.67" x 0.74"; 361.8mm x 245.7mm x 18.7mm Non-touch model: starting at 3.75 lb / 1.7 kg; Multi-touch model: starting at 4.0 lb / 1.81 kg
	i5-940									Case color	Black paint (FHD model) or black weave (UHD model)	
	i7-9750H 6 12 i7-9850H 6 12		12				MD	1	Intel UHD Graphics 630		Case material	Display cover: CFRP/GFRP hybrid;
	i9-9880H 8 16			_	_		MB DDI	R4-2666	2666		Cmort gord re	Bottom: Aluminum alloy
	E-2276		12				MB		ntel UHD (P63		Media reader Ports	sr <i>Optional:</i> Smart card reader SD Card reader (SD, SDHC, SDXC), supports UHS-II SD card Two USB 3.1 Gen 1 (one Always On), two USB 3.1 Type-C Gen 2 / Thunderbolt
Graphics	Intel UHD Graphics 630 in processor only or Intel UHD Graphics 630 or P630 in processor and NVIDIA® Quadro® *1000 or T2000, 4GB GDDR5 memory; supports external digital monitor via HDMI or Thunderbolt®; Up to 4 displays with 3 external monitors plus system LCD screen. Max resolution: 5K@ 60Hz (Thunderbolt); 4K@ 60Hz (HDMI)										Monitor cable (optional)	(with the function of Power Delivery and DisplayPort),* HDMI 2.0, Ethernet extension connector, headphone / microphone combo jack, optional smart card reader, SD card reader, 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
Chipset Memory	Mobile	Mobile Intel CM246 Chipset 64GB max / 2666MHz DDR4, ECC or non-ECC (ECC function supported only on								inly on	Bundled Accy	USB-C to VDP: Lenovo USB-C to VdA Adapter Outlonal: ThinkPad Ethernet Extension Cable
тыстногу	Xeon	(eon processor), dual-channel capable, two DDR4 SO-DIMM sockets								orny OH		One of the following, configurable by model:
Display		Resolution		Туре	Surface	Brightness	Δ	ct Contras	t Color Gamut	Viewing Angle	ī] ` ' ' '	HD720p camera with ThinkShutter camera privacy, fixed focus IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus
	15.6" FHD (1920x1080)		′ ′	WVA Anti-glar	Anti-glare	300 nits	16:9	700:1	72% NTSC	170°	Audio support	HD Audio, Synaptic® CX11880 codec / stereo speakers, 2W x 2, Dolby® Audio™ Premium / stereo speakers, 2W x 2, Dolby® Audio™ beadshape / misraphage comba isolated.
		HD (1920 Dolby Visio	n HDR	WVA	Anti-glare	500 nits	16:9	1200:1	72% NTSC	170°		optional dual array far-field microphone, headphone / microphone combo jack, Dolby Atmos® sound system
		JHD (3840 Jolby Visio		WVA	Anti-glare	500 nits	16:9	1200:1	100% Adobe	170°	Keyboard UltraNav™	6-row, spill-resistant, multimedia Fn keys, LED backlight TrackPoint®pointing device and buttonless glass surface multi-touch touchpad
	15.6"	15.6" Dolby Vision HDR, Multi-touch DLED Anti-smudge SDR 400nit, HDR 500nit (peak) 16:9 100000:1 100% DCI-P3 170°						100000:	1 100% DCI-P3	170°	Security Security chip System Mgt (opt)	Power-on password, hard disk password, supervisor password, security keyhole Discrete TPM 2.0, TCG Certified Intel vPro Technology
	Capacitive-type multi-touch, supports 10-finger gesture (UHD OLED only), AR (anti-reflection) / AS (anti-smudge) coating Lenvov Pen Pro (special bid only)										Color calibration NFC	r Touch style match on chip fingerprint reader on the keyboard bezel Optional: X-Rite Pantone factory color calibration (UHD model only) None
Pen (optional) Storage			· ·			2 2280 drive	s only				Battery	Integrated Li- Polymer 80Wh battery, supports Rapid Charge (charge up to 80%
RAID (optional) Optical	Up to two M.2 SSD, supports single sided M.2 2280 drives only M.2 2280 SSD / PCle NVMe 3.0 x 4 RAID 0/1 support None										Max battery life AC adapter	1hr) MobileMark* 2014: 13.8 hr *Battery life varies significantly with hardware configurations, settings, usage, & other factor 135W Slim tip AC adapter
Ethernet	Native Intel Ethernet Connection I219-V (Non-vPro) or I219-LM (vPro)) via bundled or optional ThinkPad Ethernet Extension Cable										Operating system	One of the following, configurable by model: Windows® 10 Home 64
WLAN (optional)	Intel Wi-Fi 6 AX200, Wi-Fi 2x2 802.11ax + Bluetooth 5.1 Bluetooth 5.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter										Windows 10 Pro 64 Windows 10 Pro 64 for Workstations	
WWAN SIM card												One of the following, configurable by model: 1-year depot repair service 1-year depot with 2-year system board 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® 7.1; RoHS-compliant









