

ThinkPad P15s Gen 1 20T4000UPB

Product

ThinkPad P15s Gen 1

Region

EET

Country/Region

Poland

Machine Type

20T4

TopSeller

TopSeller

Processor

Intel Core i7-10510U (4C / 8T, 1.8 / 4.9GHz, 8MB)

Graphics

NVIDIA Quadro P520 2GB GDDR5

Chipset

Intel SoC Platform

Memory

16GB Soldered DDR4-2666 non-ECC

Storage

1TB SSD M.2 2280 PCIe NVMe Opal2

Display

15.6" FHD (1920x1080) IPS 250nits Anti-glare, 45% Gamut

Touchscreen

None

Media Reader

MicroSD Reader

Ethernet

100/1000M

Optical

None

WLAN + Bluetooth

Intel AX201 11ax, 2x2 + BT5.1

WWAN

WWAN Upgradable

SIM Card

None

Smart Card Reader

Smart Card Reader

Monitor Cable

None

Case Material

PPS / 50% GF (Top), PA / 50% GF (Bottom)

Bundled Accessories

None

Camera

720p + IR with ThinkShutter

Microphone

2x, Array

Color

Black

Keyboard

Backlit, English (EU)

Fingerprint Reader

Finger Print Reader

NFC

None

TPM

Discrete TPM 2.0

Battery

Integrated 57Wh

Power Adapter

65W USB-C

System Management

None

Operating System

Windows 10 Pro 64, Polish / English

Bundled Software

None

Base Warranty

3-year, Depot

Bundled Service

3Y Premier Support Upgrade from 3Y Depot/CCI (5WS0V07092)

EAN / UPC / JAN

0195042056990

End of Support

2026-12-05

Announce Date

2020-05-05

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 P15s Gen 1 Platform Specifications

Product Specifications Reference (PSREF)

Processor	Supports one 10th Core i7 and i5 -U suffix processor as following:										
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics			
	i7-10610U	4	8	1.8GHz	4.9GHz	8MB	DDR4-2666	Intel UHD Graphics			
	i7-10510U	4	8	1.8GHz	4.9GHz	8MB	DDR4-2666	Intel UHD Graphics			
	i5-10310U	4	8	1.7GHz	4.4GHz	6MB	DDR4-2666	Intel UHD Graphics			
	i5-10210U	4	8	1.6GHz	4.2GHz	6MB	DDR4-2666	Intel UHD Graphics			
Chipset	Intel SoC (System on Chip) platform										
Memory Type	DDR4-3200, operates at DDR4-2666. 8GB/16GB/32GB DDR4-3200 SO-DIMM non-ECC for DIMM socket, 8GB/16GB DDR4-3200 non-ECC for soldered DIMM										
Memory Sockets	1 DIMM socket plus 1 soldered DIMM, dual-channel capable										
Memory Protection	None										
Max Memory	48GB with one 32GB SO-DIMM plus one 16GB soldered DIMM										
Graphics	Intel UHD Graphics in processor and NVIDIA Quadro P520, 2GB GDDR5 memory										
Display	Size	Resolution		Type	Surface	Touch	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle
	15.6"	FHD (1920x1080)		IPS	Anti-glare	-	250 nits	16:9	800:1	45%	170°
	15.6"	FHD (1920x1080)		IPS	Anti-glare	multi-touch	300 nits	16:9	800:1	45%	170°
Color Calibration	Factory Color Calibration on UHD models										
Touchscreen	Optional on-cell touch on selected FHD models, supports 10-finger gesture										
Pen	None										
Storage	Up to one M.2 SSD as following, 2TB max: • M.2 2280 PCIe NVMe, PCIe 3.0 x 4, 256GB / 512GB / 1TB / 2TB • M.2 2242 PCIe NVMe, PCIe 3.0 x 2, 128GB, for special bids • M.2 2280 512GB SSD + 32 GB Optane, PCIe NVMe 3.0 x 4, for special bids										
Optical	None										
Ethernet	One onboard GbE port via integrated gigabit ethernet, Intel i219LM for vPro models or i219V for non-vPro models										
NFC	Optional										
WLAN + Bluetooth	Optional Intel Wi-Fi 6 AX201 on most models, Wi-Fi 2x2 802.11ax + Bluetooth 5.1										
WWAN	One of the following, configurable by model: • No WWAN card and non upgradable • Integrated Mobile Broadband Upgradable, No WWAN Card, WWAN Antenna Only • Integrated Mobile Broadband 4G LTE-A, Fibocom L850-GL, M.2 card • Integrated Mobile Broadband 4G LTE-A, Fibocom L860-GL, MIMO 4x4, M.2 card										
SIM card	Optional Nano-SIM card slot										
Dimensions	Width: 365.8 mm (14.4 in). Depth: 248 mm (9.76 in). Thickness: 19.1 mm (0.75 inches)										
Weight	Starting at 3.86 lb (1.75kg)										
Case color	Black										
Case material	Display cover: PPS / 50% GF; Bottom: PA / 50% GF										
Media reader	MicroSD card reader										
Standard Ports	On left: 1x USB-C (USB 3.2 Gen 1, PD, DP), 1x Thunderbolt (USB-C form, Thunderbolt 3, USB 3.2 Gen 2, PD, DP), 1x side docking connector, 1x USB-A 3.2 Gen 1, 1x HDMI 1.4b, 1x headphone / microphone combo jack, 1x microSD card reader On right: 1x security keyhole, 1x RJ-45, 1x USB-A 3.2 Gen 1 (Always On)										
Optional Ports	One optional smart card reader on right, one optional nano-SIM card slot on rear										
Monitor support	Up to 3 displays with 2 external monitors plus system LCD screen. Two external monitors supported via USB-C, Thunderbolt, and HDMI. 4096x2304@60Hz on USB-C and Thunderbolt, 4096x2160 @24Hz on HDMI										
Monitor cable	Optional HDMI to VGA, USB-C to DP, or USB-C to VGA adapters, up to two										
Bundled Accy	None										
Camera	Supports one optional camera as following: • HD720p camera with ThinkShutter camera privacy, fixed focus • IR camera and HD720p camera with ThinkShutter camera privacy, fixed focus										
Audio chip	Realtek ALC3287 codec										
Speaker	Stereo speakers, 2W x 2, Dolby Audio Speaker System										
Microphone	Optional dual array near-field microphone										
Keyboard	6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, numeric keypad. LED backlight on most models, non LED backlight is for special bids										
UltraNav	TrackPoint pointing device and Mylar surface multi-touch touchpad										
Password	Power-on password, hard disk password, supervisor password										
Security chip	Discrete TPM 2.0, TCG Certified, may be disabled in some regions										
System mgmt	Optional Intel vPro Technology supported on vPro enable models										
Security locks	Security keyhole for optional Kensington lock										
Smart card reader	Optional										
Fingerprint reader	Optional										
Battery	Integrated Li-Polymer 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter										
Max battery life	MobileMark 2014: 16.5 hr. MobileMark 2018: 10.48 hr. <i>* Battery life varies significantly with hardware configurations, settings, usage, & other factors</i>										
Power Adapter	65W or 65W slim USB-C AC adapter										
Operating system	Supports one optional preloaded operating system as following: • Windows 10 Home 64 • Windows 10 Pro 64 • Windows 10 Government Edition 64 for special bids • Ubuntu Linux LTS										
Base Warranty	Optional warranty plans as following: • 1-year depot repair service • 3-year depot repair service • 1-year + 2-year depot repair service • 1-year limited onsite service • 3-year limited onsite service • 1-year + 2-year limited onsite service • 1-year depot with 2-year system board repair service										
Mil-Spec test	MIL-STD-810G military testing										
Environment	EPEAT Gold. ENERGY STAR 8.0. RoHS-compliant										
ISV certifications	Please visit www.thinkworkstations.com/isv-certifications/										

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