

# ThinkPad P15s Gen 1 20T4001VUS

**Product**

ThinkPad P15s Gen 1

**Region**

NA

**Country/Region**

USA

**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**

512GB 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**

None

**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

**Fingerprint Reader**

Touch Style, Match-on-Chip

**NFC**

None

**TPM**

Discrete TPM 2.0

**Battery**

Integrated 57Wh

**Power Adapter**

65W USB-C Slim

**System Management**

None

**Operating System**

Windows 10 Pro 64, English

**Bundled Software**

None

**Base Warranty**

3-year, Depot

**Bundled Service**

None

**EAN / UPC / JAN**

195042299557

**End of Support**

2026-12-05

**Announce Date**

2020-05-05

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**Recommended Services****Best**

3Y Lenovo Protect (Premier Support + Keep Your Drive + Accidental Damage Protection + Sealed Battery) (5PS0N73216)

**Better**

3Y Lenovo Support (Premier Support + Keep Your Drive + Sealed Battery) (5PS0N73159)

**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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# ThinkPad P15s Gen 1 Platform Specifications

Product Specifications Reference (PSREF)

Processor	Supports one 10th Core i7 and i5 -U suffix processor as following:										Case material	Display cover: PPS / 50% GF; Bottom: PA / 50% GF	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		Media reader	MicroSD card reader		
	i7-10610U	4	8	1.8GHz	4.9GHz	8MB	DDR4-2666	Intel UHD Graphics		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)		
	i7-10510U	4	8	1.8GHz	4.9GHz	8MB	DDR4-2666	Intel UHD Graphics			Optional Ports	One optional smart card reader on right, one optional nano-SIM card slot on rear	
	i5-10310U	4	8	1.7GHz	4.4GHz	6MB	DDR4-2666	Intel UHD Graphics				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
Chipset	Intel SoC (System on Chip) platform										Monitor cable	Optional HDMI to VGA, USB-C to DP, or USB-C to VGA adapters, up to two	
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										Bundled Accy	None	
Memory Sockets	1 DIMM socket plus 1 soldered DIMM, dual-channel capable										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	
Memory Protection	None										Audio chip	Realtek ALC3287 codec	
Max Memory	48GB with one 32GB SO-DIMM plus one 16GB soldered DIMM										Speaker	Stereo speakers, 2W x 2, Dolby Audio Speaker System	
Graphics	Intel UHD Graphics in processor and NVIDIA Quadro P520, 2GB GDDR5 memory										Microphone	Optional dual array far-field microphone	
Display	Size	Resolution		Type	Surface	Touch	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	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
	15.6"	FHD (1920x1080)		IPS	Anti-glare	-	250 nits	16:9	800:1	45%	170°	UltraNav	TrackPoint pointing device and Mylar surface multi-touch touchpad
	15.6"	FHD (1920x1080)		IPS	Anti-glare	multi-touch	300 nits	16:9	800:1	45%	170°	Password	Power-on password, hard disk password, supervisor password
Color Calibration	Factory Color Calibration on UHD models										Security chip	Discrete TPM 2.0, TCG Certified, may be disabled in some regions	
Touchscreen	Optional on-cell touch on selected FHD models, supports 10-finger gesture										System mgmt	Optional Intel vPro Technology supported on vPro enable models	
Pen	None										Security locks	Security keyhole for optional Kensington lock	
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										Smart card reader	Optional	
											Fingerprint reader	Optional touch style match on chip fingerprint reader on the palm rest	
											Battery	Integrated Li-Polymer 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter	
Optical	None										Max battery life	MobileMark 2014: 16.5 hr. MobileMark 2018: 10.2 hr. <i>*Battery life varies significantly with settings, usage, &amp; other factors</i>	
Ethernet	One onboard GbE port via integrated gigabit ethernet, Intel i219LM for vPro models or i219V for non-vPro models										Power Adapter	65W or 65W slim USB-C AC adapter	
NFC	Optional										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	
WLAN + Bluetooth	Optional Intel Wi-Fi 6 AX201 on most models, Wi-Fi 2x2 802.11ax + Bluetooth 5.1											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
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												Mil-Spec test
SIM card	Optional Nano-SIM card slot										Environment		EPEAT Gold. ENERGY STAR 8.0. RoHS-compliant
Dimensions	Width: 365.8 mm (14.4 in). Depth: 248 mm (9.76 in). Thickness: 19.1 mm (0.75 inches)										ISV certifications		Please visit <a href="http://www.thinkworkstations.com/isv-certifications/">www.thinkworkstations.com/isv-certifications/</a>
Weight	Starting at 3.86 lb (1.75kg)												
Case color	Black												

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