

ThinkPad P15s Gen 1 20T4000JGE

Product

ThinkPad P15s Gen 1

Region

WE

Country/Region

Germany

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 + 16GB SO-DIMM DDR4-2666 non-ECC

Storage

1TB SSD M.2 2280 PCIe NVMe Opal2

Display

15.6" UHD (3840x2160) WVA 600nits Anti-glare, HDR 400, Dolby Vision, 100% Adobe

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, German

Fingerprint Reader

Touch Style, Match-on-Chip

NFC

None

TPM

Discrete TPM 2.0

Battery

Integrated 57Wh

Power Adapter

65W USB-C

System Management

None

Operating System

Windows 10 Pro 64, German

Bundled Software

None

Base Warranty

3-year, Depot

Bundled Service

None

EAN / UPC / JAN

0195042057218

End of Support

2026-12-05

Announce Date

2020-07-21

Recommended Services**Best**

5Y Premier Support Upgrade from 3Y Depot/CCI (5WS0V07061)

Better

4Y Premier Support Upgrade from 3Y Depot/CCI (5WS0V07067)

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.

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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				
	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			Optional Ports	One optional smart card reader on right, one optional nano-SIM card slot on rear	
Chipset	Intel SoC (System on Chip) platform										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
Memory Type	DDR4-3200, operates at DDR4-2666. 8GB/16GB/32GB DDR4-3200 SO-DIMM non-ECC for DIMM sockets, 8GB/16GB DDR4-3200 non-ECC for soldered DIMM											
Memory Sockets	1 DIMM socket plus 1 soldered DIMM, dual-channel capable										Monitor cable	Optional HDMI to VGA, USB-C to DP, or USB-C to VGA adapters, up to two
Memory Protection	None										Bundled Accy	None
Max Memory	48GB with one 32GB SO-DIMM plus one 16GB soldered DIMM										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
Graphics	Intel UHD Graphics in processor and NVIDIA Quadro P520, 2GB GDDR5 memory										Audio chip	Realtek ALC3287 codec
Display	Size	Resolution	Type	Surface	Touch	Brightness	Aspect Ratio	Contrast Ratio	Color Gamut	Viewing Angle	Speaker	Stereo speakers, 2W x 2, Dolby Audio Speaker System
	15.6"	FHD (1920x1080)	WVA	Anti-glare	-	250 nits	16:9	800:1	45%	170°	Microphone	Optional dual array near-field microphone
	15.6"	FHD (1920x1080)	WVA	Anti-glare	multi-touch	300 nits	16:9	800:1	45%	170°	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"	UHD (3840x2160) Dolby Vision, HDR 400	WVA	Anti-glare	-	600 nits	16:9	1400:1	100% Adobe	170°	UltraNav	TrackPoint pointing device and Mylar surface multi-touch touchpad
Color Calibration	Factory Color Calibration on UHD models										Password	Power-on password, hard disk password, supervisor password
Touchscreen	Optional on-cell touch on selected FHD models, supports 10-finger gesture										Security chip	Discrete TPM 2.0, TCG Certified, may be disabled in some regions
Pen	None										System mgmt	Optional Intel vPro Technology supported on vPro enable models
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										Security locks	Security keyhole for optional Kensington lock
											Smart card reader	Optional
Optical	None										Fingerprint reader	Optional
Ethernet	One onboard GbE port via integrated gigabit ethernet, Intel i219LM for vPro models or i219V for non-vPro models										Battery	Integrated Li-Polymer 57Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter
NFC	Optional										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>
WLAN + Bluetooth	Optional Intel Wi-Fi 6 AX201 on most models, Wi-Fi 2x2 802.11ax + Bluetooth 5.1. Bluetooth 5.1 requires the latest version of Windows 10 (version 2004 or above)										Power Adapter	65W or 65W slim USB-C AC adapter
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										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
SIM card	Optional Nano-SIM card slot										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
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										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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