ThinkPad P14s Gen 1 (Intel) 20S4000RSP

Product
ThinkPad P14s Gen 1

Region
WE

Country/Region
Spain

Machine Type
20S4

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
14" FHD (1920x1080) Low Power IPS 400nits Anti-glare, 72% Gamut

Touchscreen
None

Card 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

Bundled Accessories
None

Camera
720p + IR with ThinkShutter

Microphone
2x, Array

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

Case Color
Black

Keyboard
Backlit, Spanish

Fingerprint Reader
Touch Style, Match-on-Chip

NFC
None

Security Chip
Discrete TPM 2.0

Battery
Integrated 50Wh

Power Adapter
65W USB-C

System Management
None

Operating System
Windows 10 Pro 64, Spanish

Bundled Software
None

Base Warranty
3-year, Depot

Bundled Service
None

EAN / UPC / JAN
0194778976572

End of Support
2026-12-05

Announce Date
2020-05-05

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 P14s Gen 1 (Intel) Platform Specifications

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
i7-10810U	6	12	1.1GHz	4.9GHz	12MB	DDR4-2666	Intel UHD Graphics
i7-10710U	6	12	1.1GHz	4.7GHz	12MB	DDR4-2666	Intel UHD 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
14.0"	FHD (1920x1080)	WVA	Anti-glare	-	250 nits	16:9	700:1	45%	170°
14.0"	FHD (1920x1080)	WVA	Anti-glare	multi-touch	300 nits	16:9	700:1	45%	170°
14.0"	FHD (1920x1080) Low Power	WVA	Anti-glare	-	400 nits	16:9	800:1	72%	170°
14.0"	FHD (1920x1080) ThinkPad Privacy Guard	WVA	Anti-glare	multi-touch	500 nits	16:9	1000:1	72%	170°
14.0"	UHD (3840x2160) Dolby Vision, HDR 400	WVA	Glossy	-	500 nits	16:9	1500:1	100% Adobe	170°

Color Calibration	Factory Color Calibration on UHD panels
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 x4, 256GB / 512GB / 1TB / 2TB • M.2 2242 PCIe NVMe, PCIe 3.0 x2, 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. Bluetooth 5.1 requires the latest version of Windows 10 (version 2004 or above)
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: 329 mm (12.95 in). Depth: 227 mm (8.94 in). Thickness: 17.9 mm (0.7 inches)
Weight	Starting at 3.24 lb (1.47kg)
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. 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. 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 50Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter
Max battery life	MobileMark 2014: 15.1 hr. MobileMark 2018: 10.96 hr. ** Battery life varies significantly with hardware configurations, settings, usage, & other factors*
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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