

## ThinkPad P14s Gen 1 20S40018CK

**Product**  
ThinkPad P14s Gen 1

**Region**  
EET

**Country/Region**  
Czech, Slovakia

**Machine Type**  
20S4

**TopSeller**  
TopSeller

**Processor**  
Intel Core i7-10610U (4C / 8T, 1.8 / 4.9GHz, 8MB)

**Graphics**  
NVIDIA Quadro P520 2GB GDDR5

**Chipset**  
Intel SoC Platform

**Memory**  
16GB Soldered DDR4-3200 non-ECC

**Storage**  
1TB SSD M.2 2280 PCIe NVMe Opat2

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

**Touchscreen**  
None

**Media Reader**  
MicroSD Reader

**Ethernet**  
100/1000M

**Optical**  
None

**WLAN + Bluetooth**  
Intel AX201 11ax, 2x2 + BT5.1

**WWAN**  
Fibocom L850-GL

**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, Czech / Slovak

**Fingerprint Reader**  
Touch Style, Match-on-Chip

**NFC**  
None

**TPM**  
Discrete TPM 2.0

**Battery**  
Integrated 50Wh

**Power Adapter**  
65W USB-C

**System Management**  
Intel vPro

**Operating System**  
Windows 10 Pro 64, Czech / Slovakian / English

**Bundled Software**  
None

**Base Warranty**  
3-year, Depot

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

**EAN / UPC / JAN**  
0194778984188

**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 P14s Gen 1 Platform Specifications

Product Specifications Reference (PSREF)

Processor	Supports one 10th Core i7 and i5 -U suffix processor as following:									Weight	Starting at 3.24 lb (1.47kg)	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics		Case color	Black	
	i7-10610U	4	8	1.8GHz	4.9GHz	8MB	DDR4-2666	Intel UHD Graphics		Case material	Display cover: PPS / 50% GF; Bottom: PA / 50% GF	
	i7-10510U	4	8	1.8GHz	4.9GHz	8MB	DDR4-2666	Intel UHD Graphics		Media reader	MicroSD card reader	
	i5-10310U	4	8	1.7GHz	4.4GHz	6MB	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	
i5-10210U	4	8	1.6GHz	4.2GHz	6MB	DDR4-2666	Intel UHD Graphics		On right: 1x security keyhole, 1x RJ-45, 1x USB-A 3.2 Gen 1 (Always On)			
Chipset	Intel SoC (System on Chip) platform									Optional Ports	One optional smart card reader on right, one optional Nano-SIM card slot on rear	
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									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	
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
	14.0"	FHD (1920x1080)	WVA	Anti-glare	-	250 nits	16:9	700:1	45%	170°	Microphone	Optional dual array near-field microphone
	14.0"	FHD (1920x1080)	WVA	Anti-glare	multi-touch	300 nits	16:9	700:1	45%	170°	Keyboard	6-row, spill-resistant, multimedia Fn keys with Unified Communications controls. LED backlight on most models, non LED backlight is for special bids
	14.0"	FHD (1920x1080) Low Power	WVA	Anti-glare	-	400 nits	16:9	800:1	72%	170°	UltraNav	TrackPoint pointing device and Mylar surface multi-touch touchpad
	14.0"	FHD (1920x1080) ThinkPad Privacy Guard	WVA	Anti-glare	multi-touch	500 nits	16:9	1000:1	72%	170°	Password	Power-on password, hard disk password, supervisor password
	14.0"	UHD (3840x2160) Dolby Vision, HDR 400	WVA	Glossy	-	500 nits	16:9	1500:1	100% Adobe	170°	Security chip	Discrete TPM 2.0, TCG Certified, may be disabled in some regions
Color Calibration	Factory Color Calibration on UHD panels									System mgmt	Optional Intel vPro Technology supported on vPro enable models	
Touchscreen	Optional on-cell touch on selected FHD models, supports 10-finger gesture									Security locks	Security keyhole for optional Kensington lock	
Pen	None									Smart card reader	Optional	
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									Fingerprint reader	Optional	
Optical	None									Battery	Integrated Li-Polymer 50Wh battery, supports Rapid Charge (charge up to 80% in 1hr) with 65W AC adapter	
Ethernet	One onboard GbE port via integrated gigabit ethernet, Intel i219LM for vPro models or i219V for non-vPro models									Max battery life	MobileMark 2014: 15.1 hr. MobileMark 2018: 10.96 hr. <i>* Battery life varies significantly with hardware configurations, settings, usage, &amp; other factors</i>	
NFC	Optional									Power Adapter	65W or 65W slim USB-C AC adapter	
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)									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	
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									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	
SIM card	Optional Nano-SIM card slot									Mil-Spec test	MIL-STD-810G military testing	
Dimensions	Width: 329 mm (12.95 in). Depth: 227 mm (8.94 in). Thickness: 17.9 mm (0.7 inches)									Environment	EPEAT Gold. ENERGY STAR 8.0. RoHS-compliant	
										ISV certifications	Please visit <a href="http://www.thinkworkstations.com/isv-certifications/">www.thinkworkstations.com/isv-certifications/</a>	



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