ThinkPad P16s Gen 2 (Intel)

The ThinkPad P16s Gen 2 (Intel) is here to revolutionize the way you work. Built with cutting-edge technology, this 16" device has an 85.4% screen to body ratio and WUXGA resolution multi-touch screen display. It features the 13th Gen Intel Core i7 processors and NVIDIA RTX A500 graphics to power you through complex video editing, data analysis and 3D modelling. The 52.5Wh integrated battery supports Rapid Charge and charges up to 80% in an hour.

It onboards a full suite of standard and optional ports, including dual USB 3.2 Gen 1 and Thunderbolt 4 for seamless data transfer and connectivity to surrounding monitors and peripherals. The Intel Wi-Fi 6E provides access to stable and ultrafast internet speeds for maximum productivity.

Certified or recommended for use with: Adobe After Effects, Adobe Premiere Pro, Adobe Photoshop

The onboard 13th Generation P series Intel Core i7 processor delivers exceptional performance for users who work on large datasets, memory-intensive applications and AI workloads, including Machine Learning algorithms.

Professional machines for advanced users

The ThinkPad P1 Series is an ultraportable workstation; thin and light, yet packed with professional graphics, processing and storage technologies.

Lenovo services

Lenovo delivers tailored sustainability services, devices, and infrastructure solutions from our broad portfolio, working closely with you to support your target outcomes across the IT lifecycle..

Warranty Extensions

Purchase additional warranty periods from 1 to 5 years
Buy at any point with or after your device purchase
Optional On-site Service

Accessories

Lenovo Professional Ultraslim Wireless Combo

Ultraslim contemporary design just 12mm (0.47")
thin
3-button mouse with up to 3200 adjustable DPI
resolution
2.4 GHz wireless connection using nano USB
dongle

PN: 4X30T25785

Lenovo 700 Ultraportable Bluetooth Speaker

Just 11mm (0.43") thin and weighing 145g (0.32lb),
this ultra-thin Bluetooth speaker delivers 360-
degree sound with 2x 2Watt power output
Supports Siri and Google Assistant voice
commands for your iOS and Android devices, as
well as a dedicated button for taking calls
Fast-charges in 2 hours and lasts for up to 12hours
of audio playback or voice calls

PN: 4XD0T32974

ThinkPad P16s Gen 2 (Intel)

Performance

Processor
13th Gen Intel P Series Core i5 / i7

Operating System
Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language
Windows 11 DG Windows 10 Pro 64

Graphics [1]
Intel Iris Xe Graphics eligible (integrated)
NVIDIA RTX A500 Laptop GPU

[1]Intel Iris Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel Iris Xe Graphics will function as Intel UHD Graphics.

Memory
16GB LPDDR5/x-7500, soldered
32GB LPDDR5/x-7500, soldered
64GB LPDDR5/x-7500, soldered
48GB DDR5-5600, 1x Soldered + 1x SO-DIMM

Storage [2]
Up to 1x 2TB M.2 2280 PCIe NVMe SSD

[2]The storage capacity supported is based on the test results with current Lenovo storage offerings.

Audio
High Definition (HD) Audio
Stereo speakers, 2W x2, Dolby Audio
Dual-microphone array, far-field, Dolby Voice

Camera
FHD 1080p + IR hybrid, with privacy shutter and Human Presence Detection
5.0MP + IR discrete, with privacy shutter and Human Presence Detection
HD 720p, with privacy shutter

Battery
52.5Wh or 86Wh battery, Rapid Charge

Power Adapter
65W USB-C adapter, PD3.0
100W USB-C adapter, PD3.0
135W USB-C adapter, PD3.0

Design

Display [3]
16" WUXGA (1920x1200) IPS Anti-glare 16:10
- 300nits, 45% NTSC
- 300nits, 45% NTSC, touch
- 400nits, 100% sRGB, low power, Eyesafe

16" WQUXGA (3840x2400) OLED ARAS 16:10
- 400nits, 100% DCI-P3, Eyesafe

[3]IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

Keyboard
6-row, spill-resistant, numeric keypad, optional backlight

Touchpad
TrackPoint and glass-like Mylar surface touchpad
67 x 115 mm (2.64 x 4.53 inches)

Dimensions [4]
Integrated graphics models:
361.98 x 255.5 x 20.5 mm (14.25 x 10.06 x 0.81 inches)
NVIDIA graphics models:
361.9 x 255.5 x 21.1 mm (14.25 x 10.06 x 0.83 inches)

[4]The system dimensions may vary depending on configurations.

Weight [5]
Starting at 1.71 kg (3.77 lbs)

[5]The system weight is approximate and may vary depending on configurations

Color
Storm grey
Villi black

Case material
Aluminium or PC 50% GF + PC 20% CF (top), PPS (bottom)

Connectivity

Ethernet
Gigabit onboard Ethernet

WLAN + Bluetooth [6] [7]
802.11ax (Wi-Fi 6E), Bluetooth 5.1
Up to Intel Wi-Fi 6E AX211, Bluetooth 5.1

[6]Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

[7]Wi-Fi 6E is only enabled on Windows 11 and operates as Wi-Fi 6 with Windows 10.

WWAN
Up to 4G LTE CAT16*

NFC
Near Field Communication*

Ports
1x USB 3.2 Gen 1
1x USB 3.2 Gen 1 (one Always On)
2x Thunderbolt 4 / USB4 40Gbps (data, PD 3.0, DP 2.0)
1x HDMI 2.1, up to 4K/60Hz
1x Ethernet (RJ-45)
1x Headphone / microphone combo jack (3.5mm)
1x Security keyhole
1x Smart card reader*
1x Nano-SIM card slot*

Docking
Docking support via Thunderbolt or USB-C

Security & Privacy

Discrete TPM 2.0
Kensington Nano Security Slot
Smart card reader*
Touch style MOC fingerprint reader*
Camera privacy shutter*
IR camera for Windows Hello*
Ultrasonic Human Presence Detection*

Manageability

Intel vPro Enterprise*

[8]Intel vPro offers a superset of DASH's defined capabilitie

Certifications

Green Certifications [9] [10]
EPEAT Gold Registered
ENERGY STAR 8.0
TCO Certified 9.0
RoHS compliant

[9]The items listed under the "Green Certifications" section may not only refer to certification but also registration o self-declaration.

[10]EPEAT is registered where applicable, please see https://www.epeat.net for registration status by country

Other Certifications
Eyesafe Certified*
TÜV Rheinland Low Blue Light*
MIL-STD-810H