

ThinkPad P16s Gen 2 (AMD)

Crafted to tackle even the most challenging tasks, this laptop is redesigned for modern professionals who require an advanced computing device. AMD Radeon 780M graphics and color accuracy of the 16" expansive display offers true-to-life working experience, allowing video producers and editors to deliver visually stunning content. Equipped with up to AMD Ryzen 7 PRO processors, it allows analytical data scientists to run resource-intensive algorithms and conduct sophisticated statistical analysis with speed and precision.



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.

It is an ultimate productivity partner, combining up to 64GB LPDDR5 memory and up to 2 TB SSD storage options. Seamlessly switch between multiple applications, run virtual machines, and handle large-scale projects without a hiccup.

Data scientists, statisticians, and analysts dealing with extensive datasets can rely on the onboard up to 64GB LPDDR5 memory and up to 2TB SSD storage for handling resource-demanding software with reduced loading times.

Trust the integrated AMD Radeon 780M graphic feature for faster rendering times for video effects, transitions, transformations and 3D elements.

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..



Premier Support

Talk directly with advanced technical support agents
 Support for software & hardware
 Next business day onsite repairs

Accessories

Lenovo Powered USB-C Travel Hub

Connects to a PC through a single USB-C cable which also recharges the device
 Connect to an external display with HDMI or VGA, and other peripherals with 2x USB ports
 Compact 183x100mm (7.2x4") design with integrated cable management



PN: 4X90S92381

Lenovo Essential Wireless Keyboard & Mouse Combo

Simple design that is comfortable for all day use and tough enough to handle spills
 Convenient and easy to use wireless connection
 Quality typing experience with quiet key strokes and a full-size number pad



PN: 4X30M39458 - US English

ThinkPad P16s Gen 2 (AMD)

Performance

Processor

AMD Ryzen 5/7 PRO 7040U Series Processor

Operating System

Windows 11 Pro
Windows 11 Home
Windows 11 Home Single Language
Windows 11 DG Windows 10 Pro 64
Fedora Linux
Ubuntu Linux LTS

Graphics

AMD Radeon 740M Graphics (integrated)
AMD Radeon 780M Graphics (integrated)

Memory

16GB LPDDR5, soldered
32GB LPDDR5x, soldered
64GB LPDDR, soldered

Storage¹

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

¹The storage capacity supported is based on the test results with current Lenovo storage offerings.

Audio

High Definition (HD) Audio
Stereo speakers, 2W x2, Dolby Atmos
Dual-microphone array, 360° far-field, Dolby Voice

Camera

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

Battery

52.5Wh or 86Wh battery,
52.5Wh battery supports Rapid Charge

Power Adapter

65W USB-C adapter, PD 3.0
65W USB-C slim adapter, PD 3.0
100W USB-C slim adapter, PD 3.0

Design

Display²

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

²IPS (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)

Dimensions³

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)

³The system dimensions may vary depending on configurations.

Weight⁴

Starting at 1.71 kg (3.77 lbs)

⁴The 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^{5 6}

AMD Wi-Fi 6E RZ616, 802.11ax, Bluetooth 5.1
Qualcomm NFA-725A Wi-Fi 6E, 802.11ax, Bluetooth 5.1

⁵Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

⁶Wi-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

2x USB 3.2 Gen 1 (one Always On)
1x USB-C 3.2 Gen 2 (data, PD 3.0, DP 1.4)
1x USB4 40Gbps (data, PD 3.0, DP 1.4)
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 (WWAN support models)*

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*
Glance by Mirametrix
Ultrasonic Human Presence Detection*

Manageability

AMD Pro Manageability 2.0

Certifications

Green Certifications^{7 8}

EPEAT Gold Registered
ENERGY STAR 8.0
TCO Certified 9.0
RoHS compliant

⁷The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration.

⁸EPEAT is registered where applicable, please see <https://www.epeat.net> for registration status by country

Other Certifications

Eyesafe Certified 2.0*
TÜV Rheinland Low Blue Light*
MIL-STD-810H