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

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

[1]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 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

Display [2]
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

[2]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 [3]
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)

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

Weight [4]
Starting at 1.71 kg (3.77 lbs)

[4]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* [5] [6]
AMD Wi-Fi 6E RZ616, 802.11ax, Bluetooth 5.3
Qualcomm NFA-725A Wi-Fi 6E, 802.11ax, Bluetooth 5.3

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

[6]Bluetooth 5.3 operation requires Windows 11.

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

Security
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

System Management*
AMD PRO Manageability 2.0

Certifications

Green Certifications [7] [8]
EPEAT Gold Registered
ENERGY STAR 8.0
TCO Certified 9.0
RoHS compliant

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

[8]EPEAT 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

Items with * are optional and only available on selected models. Information presented here may represent the maximum possible configurations for this product, but it does not necessarily reflect what is available in your region. Please ask your rep or check the specifications for specific Part Numbers in your region. © 2023 Lenovo. Products are available while supplies last. Lenovo is not responsible for photographic or typographic errors. Lenovo, the Lenovo logo, ThinkPad, ThinkCentre, ThinkBook, ThinkStation and ThinkVision are trademarks or registered trademarks of Lenovo. 3rd party product and service names may be trademarks of others. Depending on factors such as the processing capability of peripheral devices, file attributes, system configuration and operating environments, the actual data transfer rate of USB connectors will vary and is typically slower than published standards.