

ThinkPad P16 Gen 2



13th Gen HX Series Intel Core i9 Processors and NVIDIA RTX 5000 Laptop GPU graphics, means it is designed to handle data-heavy and complex spreadsheets or statistical software.

Up to NVIDIA RTX 5000 Laptop GPU graphics in a 16" screen, plus a strong 13th Gen HX Series Intel Core i9 Processor, make it ideal for graphic designing and illustration.

Up to 13th Gen HX Series Intel Core i9 Processor, powerful graphics that include up to NVIDIA RTX 5000 Laptop GPU graphics, and memory up to 192GB DDR5 make it an excellent work device for video or animation work.

Elevate Professional Endeavors with Powerhouse Workstations

Designed for business users who tackle compute-intensive workflows. With professional-grade graphics and powerful, multi-core processors, Lenovo sets the standard for mobile workstations and ensures best-in-class reliability even when you're away from the office.

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..



Accessories

ThinkPad Essential Wireless Mouse

- Full-size wireless mouse suitable for both left-handed and right-handed users
- Plug-and-forget 2.4 GHz wireless USB connection
- Optical sensor and 12000 DPI resolution for smooth tracking experience



PN: 4X30M56887

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Performance

Processor Intel HX series Core i5 / i7 / i9 (13th Gen) or Core i7 (14th Gen) processor
AI PC Category* AI-Ready Workstations
Operating System* Windows 11 Pro Windows 11 Home Windows 11 Home Single Language Windows 11 DG Windows 10 Pro 64 Fedora Linux Ubuntu Linux Red Hat Enterprise Linux (certified only)
Graphics Intel UHD Graphics (integrated) Intel Arc Pro A30M Graphics NVIDIA RTX A1000 Laptop GPU NVIDIA RTX 2000 Ada Generation Laptop GPU NVIDIA RTX 3500 Ada Generation Laptop GPU NVIDIA RTX 4000 Ada Generation Laptop GPU NVIDIA RTX 5000 Ada Generation Laptop GPU
Chipset Intel WM790 chipset
Memory Up to 192GB DDR5 Non-ECC or 128GB DDR5 ECC, 4x SODIMM
Storage Up to two drives, 2x M.2 SSD • M.2 2280 SSD up to 8TB, 4TB each • RAID 0/1 support
Audio* High Definition (HD) Audio Stereo speakers, 2W x2, Dolby Atmos Dual-microphone array, far-field, Dolby Voice
Camera* FHD 1080p + IR hybrid, with privacy shutter and Ultrasonic Human Presence Detection FHD 1080p, with privacy shutter, fixed focus
Battery 94Wh battery, Rapid Charge
Power Adapter* 170W slim tip adapter 230W slim tip adapter

Design

Display 16.0" WUXGA (1920x1200) IPS Anti-glare 16:10 - 300nits, 100% sRGB, TÜV Low Blue Light, Eyesafe Certified 2.0, X-Rite Factory Color Calibration 16.0" WQXGA (2560x1600) IPS Anti-glare 16:10 - 500nits, 100% sRGB, 165Hz, TÜV Low Blue Light, Eyesafe Certified 2.0, X-Rite Factory Color Calibration 16.0" WQUXGA (3840x2400) IPS Anti-glare 16:10 - 800nits, 100% DCI-P3, TÜV Low Blue Light, Eyesafe Certified 2.0, X-Rite Factory Color Calibration, Dolby Vision, DisplayHDR 400 16.0" WQUXGA (3840x2400) OLED ARAS 16:10 - 400nits, 100% DCI-P3, X-Rite Factory Color Calibration, TÜV Low Blue Light, Eyesafe Certified 2.0, Dolby Vision, HDR 500 True Black, OGM multi-touch
Keyboard 6-row, spill-resistant, numeric keypad, backlight
Touchpad TrackPoint and glass-like Mylar surface touchpad 67.6 x 115 mm (2.66 x 4.53 inches)
Dimensions 364 x 266 x 30.23 mm (14.3 x 10.5 x 1.2 inches)
Weight Starting at 2.95 kg (6.5 lbs)
Color Storm grey (top), villi black (bottom)
Case material AL5052 (top), PPS + 50% GF (bottom)
Connectivity
Ethernet* Ethernet support via optional Lenovo USB-C to Ethernet Adapter USB-C to GbE RJ-45 Dongle* USB-C to 2.5GbE RJ-45 Dongle*
WLAN + Bluetooth* Intel Wi-Fi 6E AX211, 802.11ax 2x2 Wi-Fi + Bluetooth 5.3
WWAN* Up to 4G LTE CAT16 with embedded eSIM*
NFC Near Field Communication*

Ports
1x HDMI
1x USB 3.2 Gen 1
1x USB 3.2 Gen 1 (one Always On)
1x USB-C 3.2 Gen 2 (data, PD 3.0, DP 1.4)
2x Thunderbolt 4 / USB4 40Gbps (data, PD 3.0, DP 1.4)
1x SD Express 7.0 card reader
1x Headphone / microphone combo jack (3.5mm)
1x GbE RJ-45, via USB-C to RJ-45 dongle*
1x 2.5GbE RJ-45, via USB-C to RJ-45 dongle*
1x Smart card reader*
1x Nano-SIM card slot*

Docking
Docking support via Thunderbolt / 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 (facial recognition)*
Human Presence Detection*

Manageability

System Management*
Intel vPro Enterprise*

Certifications

Green Certifications
EPEAT Gold Registered
ENERGY STAR 9.0
TCO Certified 9.0
RoHS compliant

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

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