

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.

Professional machines for advanced users

This 16" thin and light mobile workstation is equipped with professional graphics, powerful processors, and ultra-fast SSD storage.

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..



Return To Depot Repair Warranty

No-hassle repair process at a Lenovo service center
 Lenovo pays for all shipping between the customer and service facility
 Avoid unplanned operational expense with a simple annual fee

Accessories

Lenovo Portable Aluminum Laptop Stand

The foldable frame easily fits into a backpack of any size.
 18° tilt offers a comfortable viewing position for pain-free productivity.
 Silicone footing protects your device from accidental slips and slides.



PN: 4XF1B03657

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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Key Specifications

Processor

13th Generation HX series Intel Core i5 / i7 / i9

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)

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" WQXGA (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" WQXGA (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

Touchscreen

Multi-touch

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

Memory

Up to 192GB DDR5 ECC, 4x SO-DIMM

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

Battery[†]

94Wh battery, Rapid Charge

Power Adapter

One of the following
 170W Slim Tip (3-pin)
 230W Slim Tip (3-pin)

Camera

One of the following
 FHD 1080p + IR Hybrid with Privacy Shutter and Human Presence Detection
 FHD 1080p with Privacy Shutter

Keyboard

6-row, spill-resistant, numeric keypad, backlight
 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)

Green Certifications

EPEAT Gold Registered, ENERGY STAR 8.0, TCO Certified 9.0, RoHS compliant

Other Certifications

MIL-STD-810H military test passed, Eyesafe Certified 2.0, TÜV Rheinland Low Blue Light

Connectivity

I/O 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), Optional 1x GbE RJ-45, via USB-C to RJ-45 dongle, Optional 1x 2.5GbE RJ-45, via USB-C to RJ-45 dongle, Optional 1x Smart card reader, Optional 1x Nano-SIM card slot

WLAN + Bluetooth

Intel Wi-Fi 6E AX211, 11ax 2x2 + BT5.1

WWAN

Optional

NFC

Optional

Docking

Docking support via Thunderbolt or USB-C

Security & Privacy

Fingerprint Reader
 Smart Card Reader
 IR Camera with Windows Hello
 Discrete TPM 2.0, TCG certified
 Kensington Nano Security Slot
 Optional Smart card reader
 Touch style MOC fingerprint reader
 Optional Camera privacy shutter
 Optional IR camera for Windows Hello
 Optional Human Presence Detection

Manageability

Intel vPro Enterprise
 Non-vPro

ISV Certifications

Autodesk 3ds Max, Autodesk AutoCAD, Autodesk Inventor, Autodesk Maya, Bentley MicroStation V8i, CONNECT Edition, LumenRT, DS (CATIA, DELMIA, ENOVIA), DS SOLIDWORKS, Esri ArcGIS Desktop, PTC Creo, Vectorworks