

ThinkPad P16 Gen 1



Up to 16 core-Intel Core i9 processors and onboard Intel UHD graphics, with discrete NVIDIA RTX GPU graphics, means it's designed to handle data-heavy and complex spreadsheets or statistical software.

Powerful NVIDIA RTX A5500 Laptop GPU graphics (discrete) in a 16" screen, plus with a strong 12th gen Intel Core processor, make it ideal for graphic designing and illustration.

Up to 12th generation Intel Core i9 processor, powerful graphics that include up to NVIDIA RTX A5500 Laptop GPU graphics and memory up to 128GB DDR5-4800 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..



Premier Support

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

Accessories

Lenovo Go Wireless Multi-Device Mouse

Compact ambidextrous design, programmable Utility Button on the side, default functions optimized for Teams calls
 Connects to up to 3 devices via 1x USB-C dongle, 2x Bluetooth 5.0; quick switch button to jump control across devices
 Comes with a blue optical sensor that tracks on most surfaces and wireless Qi or wired USB-C fast-chargeable battery



PN: 4Y51C21217

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 P16 Gen 1

Performance

Processor

12th Generation HX series Intel® Core™ i5 / i7 / i9 processor

Operating System

Windows® 11 Pro 64

Graphics

Integrated Intel UHD Graphics, discrete graphics up to NVIDIA RTX A5500 Laptop GPU

Memory

Up to 128GB, Four DDR5 SO-DIMM slots (DDR5-4800 ECC, DDR5-4800 non-ECC)

Storage

Up to two drives, 2x M.2 SSD (M.2 2280 SSD up to 8TB, 4TB each), RAID 0/1 support

Audio

Stereo speakers, 2W x2, Dolby® Atmos®, optional Dual array microphone, far-field, Dolby Voice

Battery

Integrated Li-Polymer 94Wh battery

Design

Display

16.0" WUXGA (1920x1200), IPS, 300 nits, Anti-glare, 16:10, 1200:1, 100% sRGB, Low Blue Light, X-Rite® Pantone®

Factory Color Calibration, DC dimming

16.0" WQXGA (2560x1600), IPS, 400 nits, Anti-glare, 16:10, 1200:1, 100% sRGB, Low Blue Light, X-Rite Pantone

Factory Color Calibration, DC dimming

16.0" WQUXGA (3840x2400), IPS, 600 nits, Anti-glare, 16:10, 1500:1, 100% Adobe® RGB, Low Blue Light, Dolby

Vision™, DisplayHDR™ 400, X-Rite Pantone, Factory Color Calibration, DC dimming

16.0" WQUXGA (3840x2400), Multitouch, OLED, 400 nits, Antireflection, Antismudge, 16:10, 100,000:1, 100% DCI-P3

Low Blue Light, Dolby Vision, HDR 500 True Black, X-Rite Pantone Factory, Color Calibration, DC dimming

Keyboard

6-row, spill-resistant, multimedia Fn keys with Unified Communications controls, numeric keypad

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)

Connectivity

Various docking solutions supported via Thunderbolt or USB-C.

Security & Privacy

Discrete TPM 2.0, TCG certified, Firmware TPM 2.0 integrated in chipset, Kensington® Nano Security Slot, Touch style fingerprint reader on power button, match-on-chip, (Optional) Camera privacy shutter, (Optional) IR camera for Windows Hello

Certifications

Green Certifications

EPEAT™ Gold, ENERGY STAR® 8.0, TCO Certified 9.0, RoHS compliant

Other Certifications

MIL-STD-810H military test passed, TÜV Rheinland® Low Blue Light