

ThinkPad P16v Gen 1 (AMD)

This high-performance device features an AMD Ryzen PRO processor and up to 64GB DDR5 memory to cater to the needs of CAD designers, engineers, and big data analysts. With up to 2x 2TB storage, multi-monitor support, and advanced application compatibility, it's perfect for handling complex workflows and workloads. Plus, the 90Wh battery provides a longer runtime, while the Rapid Charge feature allows for quick recharging, ensuring minimal downtime for professionals on the go.



Featuring a 16.0", WQUXGA screen with an anti-glare surface, this device renders animation videos, financial charts, workflows that are perfectly scaled and detailed. Its 800nits brightness ensures optimal visibility, whereas the Low Blue Light and Eye Safe certification reduces eye strain during longer hours of work.

Trust the powerful AMD Ryzen 9 PRO processors and Windows 11 PRO OS to tackle heavy data analysis, complex spreadsheets and statistical workflows with ease.

The AMD Ryzen 9 PRO OS and AMD Radeon NVIDIA RTX 2000 graphic features help graphic designers and editors to run heavy files and software applications with ease.

**Elevate Professional Endeavors
with Powerhouse Workstations**

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 USB-C Wired In-Ear Headphones

- Hear every detail with the impressive 9mm audio drivers that produce rich, natural tones.
- Designed to be business-ready on any USB-C device, at any time.
- Play and pause media via a single convenient button.



PN: 4XD1J77351

Lenovo Go Wireless Split Keyboard

- Human-inspired true ergonomic split keyboard with tactile and responsive, scissor switch keys
- 13-degrees splay for straight typing, comfortable neck and shoulders
- 11-degrees vertical tenting for more natural typing posture



PN: 4Y41C33748~4Y41C33789



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Performance

Processor Up to AMD Ryzen PRO 7040HS Series Processors
Operating System* Windows 11 Pro Windows 11 Home Windows 11 Home Single Language Windows 11 DG Windows 10 Pro 64 Ubuntu Linux LTS
Graphics AMD Radeon 760M (integrated) AMD Radeon 780M (integrated) NVIDIA RTX A500 Laptop GPU NVIDIA RTX A1000 Laptop GPU NVIDIA RTX 2000 Ada Generation Laptop GPU
Memory Up to 64GB DDR5-5600, 2x SO-DIMM
Storage¹ Up to 2x 2TB M.2 2280 PCIe NVMe SSD
Audio High Definition (HD) Audio Stereo speakers Dual-microphone array, far-field, Dolby Voice
Camera* FHD 1080p, with privacy shutter 5.0MP + IR discrete, with privacy shutter and Ultrasonic Human Presence Detection
Battery² 90Wh battery, Rapid Charge
Power Adapter* 135W slim tip adapter 170W slim tip adapter

Design

Display³ 16.0" WUXGA (1920x1200) IPS Anti-glare 16:10 - 300nits, 45% NTSC - 300nits, 45% NTSC, touch 16.0" WUXGA (1920x1200) IPS Anti-glare 16:10 - 300nits, 100% sRGB, TÜV Low Blue Light 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	Keyboard 6-row, spill-resistant, numeric keypad, optional backlight
Touchpad TrackPoint and Mylar surface touchpad 67.6 x 115 mm (2.66 x 4.53 inches)	Weight⁵ Starting at 2.2 kg (4.85 lbs)
Dimensions⁴ 365 x 262 x 24.66 mm (14.37 x 10.31 x 0.97 inches)	Color Thunder black
Case material PC-ABS (top), PC-ABS (bottom)	

Connectivity

WLAN + Bluetooth*^{6 7} Qualcomm NFA-725A Wi-Fi 6E, 802.11ax, Bluetooth 5.3	WWAN* Up to 4G LTE CAT16*
NFC Near Field Communication*	Ports 1x HDMI 1x USB 3.2 Gen 1 1x USB 3.2 Gen 1 (one Always On) 2x 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 Smart card reader* 1x Nano-SIM card slot*
Docking Docking support via Thunderbolt or USB-C	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* AMD PRO Manageability 2.0*

Certifications

Green Certifications^{8 9 10} EPEAT Gold Registered ENERGY STAR 8.0 TCO Certified 9.0 RoHS compliant	Other Certifications Eyesafe Certified 2.0* TÜV Rheinland Low Blue Light* MIL-STD-810H
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