ThinkPad P16v Gen 2 (Intel) 21KX002DCA





- Intel Core Ultra 7 165H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 5.0GHz, 24MB Intel Smart Cache
- 2x 48GB SODIMM DDR5-5600 Non-ECC
- 2TB SSD M.2 2280 PCIe 4.0x4 Performance NVMe Opal 2.0
- NVIDIA RTX 2000 Ada Generation 8GB GDDR6
- Windows 11 Pro, French
- Case color - Black
- 3Y Premier Support Upgrade from 3Y Courier/Carry-in

The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

Premier Support - A direct 24x7x365 line to our most elite technicians.

- Advanced technical support, 24x7x365, in more than 100 markets
- Technical Account Managers for proactive relationship and escalation management
- Comprehensive hardware & OEM software support
- Priority on service delivery and repair parts
- Single point of contact for simplified end-to-end case management
- Lenovo Service Connect Portal for customized reporting and product support

Accidental Damage Protection - Protection of your PC from the unexpected.

Experience shows that a significant portion of devices may be damaged (and not covered under warranty) in the first three years. Lenovo's Accidental Damage Protection service covers accidents beyond the system warranty such as drops, spills, bumps and even electrical surges. Make sure your new device has maximum protection, avoid unplanned costs and get peace of mind.

Base Warranty - Included with the systems you purchase, default 1- or 3-year coverage window.

Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

- Pick Up & Return Courier
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

Recommended Accessories

United Kingdom



Lenovo Dual-Mode Wireless ANC Headset 6550 (USB-C, Teams)

4XD1S19778



ThinkPad Bluetooth Presenter Mouse (Aura Edition)

4Y51T62792



Lenovo 16" Laptop Everyday Backpack B510

4X41U80414



Lenovo 16-inch Premium Clarity Privacy Filter for ThinkBook 16 Gen 4 (16:10)

4XJ1U03940



ThinkPad USB4 Dock 5000

40BF0100UK



Lenovo PS8S Portable SSD 4TB

4XB1T91892

>> View More Accessories

Lenovo may not offer the products, services or features discussed in this document in all regions. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.

ThinkPad P16v Gen 2 (Intel) 21KX002DCA

PERFORMANCE

Processor
Intel Core™ Ultra 7 165H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 5.0GHz, 24MB Intel® Smart Cache

AI PC Category[1]
AI-Ready Workstations

NPU
Integrated Intel® AI Boost, up to 11 TOPS

Graphics
NVIDIA® RTX 2000 Ada Generation 8GB GDDR6

Chipset
Intel® SoC Platform

Memory
2x 48GB SODIMM DDR5-5600 Non-ECC

Memory Slots
Two DDR5 SODIMM slots, dual-channel capable

Max Memory
Up to 96GB (2x 48GB DDR5 SODIMM)

Storage
2TB SSD M.2 2280 PCIe® 4.0x4 Performance NVMe® Opal 2.0

Storage Slot
Two M.2 2280 PCIe® 4.0 x4 slots

Max Storage Support[2]
Up to two drives, 2x M.2 SSD • M.2 2280 SSD up to 4TB, 2TB each

RAID Preset
None

Card Reader
SD Express 7.0 Card Reader

Audio Chip
High Definition (HD) Audio, Realtek® ALC3287 codec

Speakers
Stereo speakers, 2W x2, Dolby Audio™ Premium

Microphone
2x, Array

Camera
5.0MP + IR with Privacy Shutter and Human Presence Detection

Battery
90Wh

Power Adapter
170W Slim Tip (3-pin)

DESIGN

Display
16" WQUXGA (3840x2400) IPS 800nits Anti-glare, 100% DCI-P3, DisplayHDR™ 400, Dolby Vision®, Eyesafe®, TÜV Low Blue Light

Touchscreen
None

Color Calibration
Factory Color Calibration

Pen
Pen Not Supported

Keyboard
Backlit, Canadian French

Dimensions (WxDxH)[3]
365 x 262 x 24.66 mm (14.37 x 10.32 x 0.97 inches)

Weight[4]
Starting at 2.22 kg (4.90 lbs)

Case Color
Black

Case Material
PC-ABS (Top), PC-ABS (Bottom)

SOFTWARE

Operating System
Windows® 11 Pro, French

Bundled Software
Intel® Connectivity Performance Suite

CONNECTIVITY

WLAN + Bluetooth
Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3, vPro®[5]

WWAN
WWAN Upgradable to 4G or 5G

SIM Card
No physical SIM card inbox

Ethernet
100/1000M (RJ-45)

NFC
No NFC

Standard Ports
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 8K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (GbE RJ-45)
- 1x SD Express 7.0 card reader
- 1x Kensington Nano Security Slot™

Optional Ports (configured)
1x Nano-SIM Card Slot

Docking
Various docking solutions supported via Thunderbolt™ or USB-C®. For more compatible docking solutions, please visit Docking for ThinkPad® P16v Gen 2

SECURITY & PRIVACY

Security Chip
Discrete TPM 2.0 Enabled

Physical Locks
Kensington Nano Security Slot™, 2.5 x 6 mm

Smart Card Reader
No Smart Card Reader

Fingerprint Reader
Touch Style, Match-on-Chip, Integrated in Power Button

Other Security
- Camera privacy shutter (camera models)
- Ultrasonic Human Presence Detection for IR camera
- IR camera for Windows® Hello (facial recognition)

MANAGEABILITY

System Management
Intel® vPro® Enterprise

SERVICE

Base Warranty
3-year, Courier or Carry-in

Included Upgrade
3Y Premier Support Upgrade from 3Y Courier/Carry-in

ACCESSORIES

CERTIFICATIONS

ISV Certifications
Please visit ISV certifications for Lenovo® Workstations

Green Certifications
- ENERGY STAR® 9.0
- EPEAT™ Gold Registered[6]
- RoHS compliant
- TCO Certified 9.0

Mil-Spec Test
MIL-STD-810H military test passed

Other Certifications
- Eyesafe® Certified 2.0
- TÜV Rheinland® Low Blue Light

MODEL

TopSeller	: Yes	**EAN / UPC / JAN**	: 198153362561
Announce Date	: 2024-04-23	**End of Support**	: 2030-11-23

- Please refer to the official Lenovo store website or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice. To see more note information, please access the web page.