



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

- Intel Core Ultra 7 165H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 5.0GHz, 24MB Intel Smart Cache
- 32GB LPCAMM2 LPDDR5X-7500
- 1TB SSD M.2 2280 PCIe 4.0x4 Performance NVMe Opal 2.0
- NVIDIA GeForce RTX 4070 8GB GDDR6
- Windows 11 Pro, WE (EN/FR/DE/NL/IT)
- Case color - Black
- 3Y Premier TP WS WHB (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

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

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



Lenovo Dual-Mode Wireless ANC Headset 6550 (USB-C, Teams)  
4XD1S19778



ThinkPad Professional 16-inch Backpack Gen 2  
4X41M69794



ThinkPad Thunderbolt 4 Workstation Dock - EU/INA/VIE/ROK  
40B00300EU



Lenovo Essential Compact Wireless Mouse  
4Y50R20864



Lenovo USB 20Gbps USB-C to USB-C Cable 1.5m  
4X91U92143



Lenovo 16" Clarity Privacy Filter  
4XJ1U03940

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**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<sup>[1]</sup>**

AI-Ready Workstations

**NPU**

Integrated Intel® AI Boost, up to 11 TOPS

**Graphics**

NVIDIA GeForce RTX™ 4070 8GB GDDR6

**Chipset**

Intel® SoC Platform

**Memory<sup>[2]</sup>**

32GB LPCAMM2 LPDDR5X-7500

**Memory Slots**

One LPCAMM2 connector, dual-channel

**Max Memory**

Up to 64GB (1x 64GB LPCAMM2), upgradable

**Storage**

1TB 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<sup>[3]</sup>**

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

**RAID Preset**

None

**Card Reader**

SD 7.0 Card Reader

**Audio Chip**

High Definition (HD) Audio, Realtek® ALC3306 codec

**Speakers**

Stereo speakers, 2W x2, Dolby Atmos®

**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" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% sRGB, 165Hz, TÜV Low Blue Light

**Touchscreen**

None

**Color Calibration**

Factory Color Calibration

**Pen**

Pen Not Supported

**Keyboard**

Backlit, Italian

**Dimensions (WxDxH)<sup>[4]</sup>**

354.4 x 241.2 x 17.05 mm (13.95 x 9.49 x 0.67 inches)

**Weight<sup>[5]</sup>**

Starting at 1.82 kg (4.03 lbs)

**Case Color**

Black

**Case Material**

Aluminium (Top), Aluminium (Bottom)

**SOFTWARE****Operating System**

Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

**Bundled Software**

Intel® Connectivity Performance Suite

**CONNECTIVITY****WLAN + Bluetooth**

Intel® Wi-Fi® 7 BE200, 802.11be 2x2 + BT5.4, vPro®<sup>[6]</sup>

**WWAN**

WWAN Not Supported

**SIM Card**

No physical SIM card inbox

**Ethernet**

No Onboard Ethernet

**NFC**

No NFC

**Standard Ports**

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with USB PD 3.0 (135W input) and DisplayPort™ 1.4
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 (135W input) and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 8K/60Hz or 4K/240Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD Express 7.0 card reader
- 1x Kensington Nano Security Slot™

**Docking**

Various docking solutions supported via Thunderbolt™ / USB-C®. For more compatible docking solutions, please visit [Docking for ThinkPad® P1 Gen 7](#)

**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**

- Bottom cover tamper detection
- 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 with 1-year Battery

**Included Upgrade**

3Y Premier TP WS WHB (CPN), CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

**ACCESSORIES****Bundled Accessories**

None

**CERTIFICATIONS****ISV Certifications**

Please visit [ISV certifications for Lenovo® Workstations](#)

**Green Certifications**

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- RoHS compliant
- TCO Certified, generation 10

**Mil-Spec Test**

MIL-STD-810H military test passed

**Other Certifications**

- Intel Evo™ Platform
- TÜV Rheinland® Low Blue Light

**MODEL**

**TopSeller** : Yes **EAN / UPC / JAN:** 0198153495849  
**Announce Date:** 2024-05-28 **End of Support** : 2030-12-28

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