

**PERFORMANCE****Processor**

Intel Core™ i7-14700HX, 20C (8P + 12E) / 28T, P-core 2.1 / 5.5GHz, E-core 1.5 / 3.9GHz, 33MB Intel® Smart Cache

**AI PC Category<sup>[1]</sup>**

AI-Ready Workstations

**Graphics**

NVIDIA® RTX 2000 Ada Generation 8GB GDDR6

**Chipset**

Intel® WM790 Chipset

**Memory**

2x 16GB SODIMM DDR5-5600 Non-ECC

**Memory Slots**

Four DDR5 SODIMM slots, dual-channel capable

**Max Memory**

Models with Non-ECC memory: Up to 192GB (4x 48GB SODIMM DDR5-5600 Non-ECC)

**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>[2]</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**

FHD 1080p + IR Hybrid with Privacy Shutter and Human Presence Detection

**Battery**

94Wh

**Power Adapter**

170W Slim Tip (3-pin)

**DESIGN****Display**

16" WQXGA (2560x1600) IPS 500nits Anti-glare, 100% sRGB, 165Hz, Eyesafe®

**Color Calibration**

Factory Color Calibration

**Pen**

Pen Not Supported

**Keyboard**

Backlit, Italian

**Dimensions (WxDxH)<sup>[3]</sup>**

364 x 266 x 30.23 mm (14.3 x 10.5 x 1.2 inches)

**Weight<sup>[4]</sup>**

Starting at 2.95 kg (6.5 lbs)

**Case Color**

Storm Grey (Top), Villi Black (Bottom)

**Case Material**

Aluminium (Top), PPS + 50% GF (Bottom)

**SOFTWARE****Operating System**

Windows® 11 Pro, WE (EN/FR/DE/NL/IT)

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

Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3, vPro®

**WWAN**

WWAN Upgradable to 4G

**SIM Card**

No physical SIM card inbox

**Ethernet**

No Onboard Ethernet

**NFC**

No NFC

**Standard Ports<sup>[5]</sup>**

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 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
- 2x Thunderbolt™ 4 / USB4® 40Gbps (support data transfer and DisplayPort™ 1.4)
- 1x HDMI® 2.1, up to 8K/60Hz or 4K/240Hz (models with discrete graphics)
- 1x Headphone / microphone combo jack (3.5mm)
- 1x SD Express 7.0 card reader

**Optional Ports (configured)**

- 1x Smart Card Reader
- 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® P16 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**

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**

Non-vPro®

**SERVICE****Base Warranty**

3-year, Courier or Carry-in

**Included Upgrade**

CO2 Offset 0.5 ton, 3Y Premier TP WS WHB (CPN)

**ACCESSORIES****CERTIFICATIONS****ISV Certifications**

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

**Green Certifications**

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered<sup>[6]</sup>
- 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: 0198153481484

Announce Date: 2024-03-26 End of Support : 2029-12-30

- 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](#).

## 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

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## 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 - Italy/Chile 40B00300IT

Please click [here](#) to view the full list of accessories.

**Lenovo**

PSREF

Product Specifications Reference