

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 1000 Ada Generation 6GB GDDR6

Chipset

Intel® SoC Platform

Memory

2x 16GB SODIMM DDR5-5600 Non-ECC

Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

Max Memory

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

Storage

512GB SSD M.2 2280 PCIe® 4.0x4 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

FHD 1080p with Privacy Shutter

Battery

90Wh

Power Adapter

170W Slim Tip (3-pin)

DESIGN**Display**

16" WUXGA (1920x1200) IPS 300nits Anti-glare, 45% NTSC

Touchscreen

None

Color Calibration

No Color Calibration

Pen

Pen Not Supported

Keyboard

Backlit, Italian

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, WE (EN/FR/DE/NL/IT)

Bundled Software

Intel® Connectivity Performance Suite

CONNECTIVITY**WLAN + Bluetooth**

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

WWAN

WWAN Not Supported

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)

None

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)

MANAGEABILITY**System Management**

Intel® vPro® Enterprise

SERVICE**Base Warranty**

3-year, Courier or Carry-in

Included Upgrade

None

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

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

Green Certifications

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- RoHS compliant
- TCO Certified 9.0

Mil-Spec Test

MIL-STD-810H military test passed

MODEL

TopSeller : Yes EAN / UPC / JAN: 0199276070081

Announce Date: 2026-03-16 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](#).

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



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



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

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

Recommended Services

BEST	3Y Premier Support for AIPC upgrade from 3Y Courier/Carry-in + 3Y Sealed Battery Add On + CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects) (5WS1U94187, 5WS1H31713, 5WS1L72255)
BETTER	3Y Premier Support for AIPC upgrade from 3Y Courier/Carry-in + 3Y Sealed Battery Add On (5WS1U94187, 5WS1H31713)
GOOD	3Y Premier Support for AIPC upgrade from 3Y Courier/Carry-in (5WS1U94187)



PSREF
Product Specifications
Reference