

PERFORMANCE

Processor
Intel® Core™ Ultra 7 155H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 4.8GHz, 24MB

AI PC Category^[1]
AI-Ready Workstations

NPU
Integrated Intel® AI Boost, up to 11 TOPS

Graphics
NVIDIA® RTX 500 Ada Generation 4GB GDDR6

Chipset
Intel® SoC Platform

Memory
1x 16GB SO-DIMM DDR5-5600 Non-ECC

Memory Slots
Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory
Up to 96GB (2x 48GB DDR5 SO-DIMM)

Storage
512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

Max Storage Support^[2]
One drive, up to 2TB M.2 2280 SSD

Storage Slot
One M.2 2280 PCIe® 4.0 x4 slot

Card Reader
No card reader

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

Speakers
Stereo speakers, 2W x2, Dolby Audio™

Camera
5.0MP with Privacy Shutter

Microphone
2x, Array

Battery
75Wh

Power Adapter
135W USB-C® Slim (3-pin)

DESIGN

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

Touchscreen
None

Color Calibration
None

Keyboard
Backlit, Spanish (LA)

Case Color
Black

Case Material
Aluminium (Top), Aluminium (Bottom)

Pen
Pen Not Supported

Dimensions (WxDxH)^[3]
361.5 x 248.6 x 21.13 mm (14.24 x 9.79 x 0.83 inches)

Weight^[4]
Starting at 1.82 kg (4.01 lbs)

SOFTWARE

Operating System
Windows® 11 Pro, Spanish

Bundled Software
None

CONNECTIVITY

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

WWAN
Non-WWAN

SIM Card
None

Ethernet
100/1000M (RJ-45)

NFC
None

Standard Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
- 2x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 and DisplayPort™ 2.1
- 1x HDMI® 2.1, up to 4K/60Hz
- 1x Headphone / microphone combo jack (3.5mm)
- 1x Ethernet (RJ-45)
- 1x Security keyhole

Optional Ports (configured)
None

Docking
Various docking solutions supported via Thunderbolt™ or USB-C®.
For more compatible docking solutions, please visit .
[Docking for ThinkPad® P16s Gen 3](#)

SECURITY & PRIVACY

Smart Card Reader
None

Security Chip
Discrete TPM 2.0 Enabled

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

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

Other Security

- Bottom cover tamper detection
- Camera privacy shutter

MANAGEABILITY

System Management
Non-vPro®

SERVICE

Base Warranty
3-year, Onsite

Included Upgrade
None

ACCESSORIES

Bundled Accessories
None

CERTIFICATIONS

Green Certifications

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- RoHS compliant
- TCO Certified 10.0

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

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

MODEL

TopSeller	: No	Announce Date	: 2024-07-03
EAN / UPC / JAN	: 198155003844	End of Support	: 2030-12-21

Note:

^[1] With scalable configurations of higher-performance CPUs and professional NVIDIA RTX GPUs, in addition to advantage of the same modern AI PC technology, AI-Ready workstation power the demanding AI consumption & development workflows.

^[2] The storage capacity supported is based on the test.....

• 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



ThinkPad Universal USB-C Dock

40AY0090US

THE SMARTER WAY TO WORK Introducing the ThinkPad Universal USB-C Dock. This advanced, universally compatible one-cable docking solution lets you work smarter, not harder. It comes with a vast array of ports, next-gen ...

Recommended Services

BEST	5Y Premier Support Plus upgrade from 3Y Onsite CPN (5WS1L39121)
BETTER	3Y Premier Support Plus upgrade from 3Y Onsite (5WS1L39316)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WS1H31733)

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



PSREF
Product Specifications
Reference