



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

- Intel Core Ultra 9 285, 24C (8P + 16E) / 24T, Max Turbo up to 5.6GHz, 36MB Intel Smart Cache
- 2x 32GB SODIMM DDR5-5600
- 1TB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
- NVIDIA GeForce RTX 4050 6GB GDDR6
- Windows 11 Pro, English
- Case color - Black
- 3-year, Onsite

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 United States of America



ThinkPad Bluetooth Presenter Mouse (Aura Edition)

4Y51T62792



Lenovo Wireless Headphone 2000

4XD1V42464



Lenovo Essential FHD Webcam Gen2

4XC1S15018

>> [View More Accessories](#)

Recommended Services

Best

5Y Premier Support for AIPC upgrade from 3Y Onsite (5WS1V00287)

Better

3Y Premier Support Plus for AIPC upgrade from 3Y Onsite (5WS1V00250)

Good

4Y Onsite upgrade from 3Y Onsite (5WS0V08554)

PERFORMANCE

Processor

Intel Core™ Ultra 9 285, 24C (8P + 16E) / 24T, Max Turbo up to 5.6GHz, 36MB Intel® Smart Cache

AI PC Category

AI PC^[1]

NPU

Integrated Intel® AI Boost, up to 13 TOPS

Graphics

NVIDIA GeForce RTX™ 4050 6GB GDDR6

Chipset

Intel® Q870 Chipset

Memory

2x 32GB SODIMM DDR5-5600

Memory Slots

Two DDR5 SODIMM slots, dual-channel capable

Max Memory^[2]

Up to 64GB DDR5-5600

Storage

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

Max Storage Support^[3]

Up to three drives, 3x M.2 SSD • M.2 SSD up to 2TB each^[4]

RAID Preset

None

Card Reader

No Card Reader

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC233NL-VB2-CG codec

Speakers

3Wx2

Camera

5.0MP + IR Hybrid

Microphone

2x, Array

Power Supply

230W 92%

DESIGN

Display^[5]

23.8” FHD (1920x1080) IPS Anti-glare 250nits, 120Hz, 99% sRGB, hardware low blue light, flicker free, eyesafe, touch

Touchscreen

10-point Multi-touch

Keyboard

USB, Calliope, Black, English (US)

Mouse

USB Calliope Mouse

Expansion Slots

Four M.2 slots (one for WLAN, three for SSD / discrete NPU)

Case Color

Black

Stand

UltraFlex V Stand

Mounting

VESA mount

Pen

Pen Not Supported

Form Factor

AIO (23.8 inches)

Dimensions (WxDxH)^[6]

Lowest in flat mode: 539.6 x 333.45 x 224.10 mm (21.24 x 13.13 x 8.82 inches) Highest in vertical mode: 539.6 x 264.91 x 455.94 mm (21.24 x 10.43 x 17.95 inches)

Weight^[7]

8.04 kg (17.73 lbs, maximum configuration)

CONNECTIVITY

WLAN + Bluetooth

Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3, vPro®^[8]

WWAN

WWAN Not Supported

Ethernet

Integrated 100/1000M

Rear Ports

- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1), one supports Smart Power On
- 1x HDMI® (HDMI® in 1.4 / HDMI® out 2.1 TMDS combo port)
- 1x DisplayPort™ 1.4a (HBR2)
- 1x Ethernet (RJ-45)

Right Ports

- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x USB-C® (Thunderbolt™ 4 / USB4® 40Gbps), with USB PD 3.0 up to 65W output, DisplayPort™ 2.1, Always On
- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), support data transfer and 5V@3A charging
- 1x headphone / microphone combo jack (3.5mm)

SECURITY & PRIVACY

Security Chip

Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

Fingerprint Reader

No fingerprint reader

Physical Locks

Kensington Security Slot™, 3 x 7 mm

Other Security

ThinkShutter camera cover (camera models)

MANAGEABILITY

System Management^[9]

Intel® vPro® Enterprise

SERVICE

Base Warranty

3-year, Onsite

CERTIFICATIONS

Green Certifications

- ENERGY STAR® 9.0
- EPEAT™ Gold Registered
- ErP Lot 3
- GREENGUARD®
- RoHS compliant
- TCO Certified, generation 10
- TCO edge

Other Certifications

- Anti-dust
- Healthcare compliance: Part of IEC 60601-1 / IEC 60601-1-2
- IP55-compliant (front face, for touch models)
- Eyesafe® Certified 2.0
- SGS Performance Tested certification: Super Quiet@Hi-Performance Grade 1
- TÜV Rheinland® Flicker Free
- TÜV Rheinland® Low Blue Light (Hardware Solution)

Mil-Spec Test

MIL-STD-810H military test passed (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation, Contamination by Fluids, Salt Fog)

SOFTWARE

Operating System

Windows® 11 Pro, English

ACCESSORIES

MODEL

TopSeller	: Yes	EAN / UPC / JAN: 199275831775
Announce Date:	2026-03-17	End of Support : 2031-11-29

- 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.
 - California Electronic Waste Recycling Fee In California, per state law, Lenovo charges an electronic waste recycling fee on this covered device at the time of sale of the product. For more information, go to: <https://www.calrecycle.ca.gov/Electronics/Consumer>
- To see more note information, please access the [web page](#).