

**PERFORMANCE****Processor**

Intel® Core Ultra 9 185H, 16C (6P + 8E + 2LPE) / 22T, Max Turbo up to 5.1GHz, 24MB Intel Smart Cache

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

AI-Ready Workstations

**NPU**

Integrated Intel® AI Boost, up to 11 TOPS

**Graphics**

NVIDIA® RTX 3000 Ada Generation 8GB GDDR6

**Chipset**

Intel® SoC Platform

**Memory**

1x 32GB SODIMM DDR5-5600 Non-ECC

**Memory Slots**

Two DDR5 SODIMM slots, dual-channel capable

**Max Memory**

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

**Storage**

1TB 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<sup>[2]</sup>**

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**

None

**Pen**

Pen Not Supported

**Keyboard**

Backlit, Spanish (LA)

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

365 x 262 x 24.66 mm (14.37 x 10.32 x 0.97 inches)

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

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, Spanish

**Bundled Software**

Intel® Connectivity Performance Suite

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

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

**WWAN**

WWAN Not Supported

**SIM Card**

None

**Ethernet**

100/1000M (RJ-45)

**NFC**

None

**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 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® 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**

None

**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**

1-year, Courier or Carry-in

**Included Upgrade**

3Y Onsite upgrade from 1Y Courier/Carry-in Promo LSI eCommerce

**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** : No **EAN / UPC / JAN**: 198158853088  
**Announce Date**: 2025-04-12 **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



Chile



Lenovo 15.6 Laptop Everyday Backpack  
B510-ROW 4X41U80414



Lenovo Analog In-Ear Headphones Gen II  
Bulk Package (20pcs) 4XD1T54899

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

## Recommended Services

BEST	3Y Premier Support Upgrade from 3Y Onsite + 3Y Sealed Battery Add On + CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects) (5WS1H31733, 5WS1H31713, 5WS1L72255)
BETTER	3Y Premier Support Upgrade from 3Y Onsite + 3Y Sealed Battery Add On (5WS1H31733, 5WS1H31713)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WS1H31733)

Lenovo

PSREF  
Product Specifications  
Reference