

## PERFORMANCE

### Processor

Intel® Core™ i7-13700, 16C (8P + 8E) / 24T, Max Turbo up to 5.2GHz, P-core 2.1 / 5.1GHz, E-core 1.5 / 4.1GHz, 30MB

### Graphics

Integrated Intel® UHD Graphics 770

### Chipset

Intel® Q670 Chipset

### Memory

1x 8GB UDIMM DDR5-5600

### Memory Slots

Two DDR5 UDIMM slots, dual-channel capable

### Max Memory<sup>[1]</sup>

Up to 64GB DDR5

### Storage

256GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

### Max Storage Support<sup>[2][3]</sup>

Up to three drives, 1x 3.5" HDD + 1x 2.5" HDD + 1x M.2 SSD  
 • 3.5" HDD up to 2TB  
 • 2.5" HDD bay is only for customer self upgrade  
 • M.2 SSD up to 2TB each

### Card Reader

None

### Optical

DVD±RW

### Audio Chip

High Definition (HD) Audio, Realtek® ALC623-CG codec

### Speakers

1Wx1

### Power Supply

260W 90%

## DESIGN

### Keyboard

USB Traditional Keyboard, Black, Portuguese

### Mouse

USB Calliope Mouse, Black

### Optional Bay

None

### Expansion Slots<sup>[4]</sup>

- One PCIe® 3.0 x16, low-profile, length ≤ 155mm, height ≤ 70mm
- One PCIe® 3.0 x1, low-profile, length ≤ 155mm, height ≤ 70mm
- Two M.2 slots (one for WLAN, one for SSD)

### Case Color

Black

### Stand

None

### Dust Filter

None

### Pen

Pen Not Supported

### Form Factor

SFF (8.2L)

### Dimensions (WxDxH)<sup>[5]</sup>

92.5 x 297.7 x 339.5 mm (3.6 x 11.7 x 13.4 inches)

### Weight<sup>[6]</sup>

Around 5.3 kg (11.7 lbs)

## CONNECTIVITY

### WLAN + Bluetooth®

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

### WWAN

Non-WWAN

### Ethernet

Integrated 100/1000M

### Front Ports

- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with 15W charging
- 4x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

### Rear Ports<sup>[7]</sup>

- 4x USB-A (Hi-Speed USB / USB 2.0)
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4a (HBR2, DSC)
- 1x Ethernet (RJ-45)

### Optional Rear Ports (configured)

None

## 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
- Padlock Loop

### Smart Cable Clip

None

### Chassis E-Lock

None

### Chassis Intrusion Switch

None

## MANAGEABILITY

### System Management<sup>[8]</sup>

Intel® vPro® Enterprise

## SERVICE

### Base Warranty

1-year, Courier or Carry-in

### Included Upgrade

None

## CERTIFICATIONS

### Green Certifications

- ErP Lot 3
- GREENGUARD®
- RoHS compliant
- TCO Certified 9.0

### Mil-Spec Test

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

## SOFTWARE

### Operating System

None

### Bundled Software

None

## ACCESSORIES

### Bundled Accessories

None

## MODEL

**TopSeller** : Yes **Announce Date** : 2024-10-15

**EAN / UPC / JAN** : 0198155580130 **End of Support** : 2030-11-15

### Note:

<sup>[1]</sup> The max memory is based on the test results with current Lenovo memory offerings.

<sup>[2]</sup> The max capacity of each disk type is based on the test results with current Lenovo storage offerings.

<sup>[3]</sup> 2.5" HDD bay is optional part, only for customer self upgrade purpose and the hard drive is sold separately. Two onboard SATA ports support up to two drives of 2.5" HDD, 3.5" HDD and ODD.

<sup>[4]</sup> M.2 slot for SSD is M.2 PCIe 4.0 x4 slot, supports up to 64Gbps on NVMe drives

<sup>[5]</sup> The system dimensions may vary depending on.....

· 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 USB-C to Ethernet Adapter

4X90S91831

The Lenovo USB-C to Ethernet Adapter is quick and easy way to connect your USB-C enabled notebook to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.



### Kensington MicroSaver 2.0 Cable Lock from Lenovo

4XEON80914

Protect your device. Lenovo offers the latest standard in device security – the MicroSaver 2.0 Cable Lock From Lenovo. Engineered to be the smallest, strongest lock for laptops and other devices, the MicroSaver 2.0 re...

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

**Lenovo**

**PSREF**  
Product Specifications  
Reference