

**PERFORMANCE****Processor<sup>[1]</sup>**

Intel® Core™ i7-12700, 12C (8P + 4E) / 20T, Max Turbo up to 4.9GHz, P-core 2.1 / 4.8GHz, E-core 1.6 / 3.6GHz, 25MB

**Graphics**

Integrated Intel® UHD Graphics 770

**Chipset**

Intel® B660 Chipset

**Memory**

1x 16GB UDIMM DDR4-3200

**Memory Slots**

Two DDR4 UDIMM slots, dual-channel capable

**Max Memory<sup>[2]</sup>**

Up to 64GB DDR4-3200

**Storage**

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

**Optane™ Memory**

None

**Storage Support<sup>[3]</sup>**

Up to two drives, 1x 2.5"/3.5" HDD + 1x M.2 SSD

- 2.5" HDD up to 1TB
- 3.5" HDD up to 2TB
- M.2 SSD up to 1TB

**Card Reader**

7-in-1 Card Reader

**Optical**

DVD±RW

**Audio Chip**

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

**Speakers**

1Wx1

**Power Supply**

260W 90%

**DESIGN****Keyboard**

USB Calliope Keyboard, Black, Greek / English (US)

**Mouse**

USB Calliope Mouse, Black

**Expansion Slots**

- One PCIe® 4.0 x16, low-profile (length < 167.65mm, height < 68.90mm)
- One PCIe® 3.0 x1, low-profile (length < 167.65mm, height < 68.90mm)
- Two M.2 slots (one for WLAN, one for SSD)

**Case Color**

Black

**Stand**

None

**Pen**

Pen Not Supported

**Form Factor**

SFF (7.4L)

**Dimensions (WxDxH)<sup>[4]</sup>**

100 x 308 x 274.8 mm (3.9 x 12.1 x 10.8 inches)

**Weight<sup>[5]</sup>**

Around 4.5 kg (9.9 lbs)

**CONNECTIVITY****WLAN + Bluetooth®**

None

**WWAN**

Non-WWAN

**Ethernet**

Integrated 100/1000M

**Front Ports**

- 1x USB-C® 3.2 Gen 1 (support data transfer and 5V@3A charging)
- 2x USB 3.2 Gen 1
- 1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

**Optional Front Ports (configured)**

1x card reader

**Rear Ports**

- 2x USB 2.0
- 2x USB 3.2 Gen 1 (one supports Smart Power On)
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4
- 1x VGA
- 1x Ethernet (RJ-45)
- 1x line-out (3.5mm)

**Optional Rear Ports (configured)**

None

**Monitor Cable**

None

**SECURITY & PRIVACY****Security Chip**

Discrete TPM 2.0, TCG certified

**Fingerprint Reader**

No fingerprint reader

**Physical Locks**

- Kensington® Security Slot™, 3 x 7 mm
- Padlock Loop

**Kensington® Cable Lock**

None

**Smart Cable Clip**

None

**Chassis Intrusion Switch**

Chassis Intrusion Switch

**MANAGEABILITY****System Management**

Non-vPro®

**SERVICE****Base Warranty**

1-year, Courier or Carry-in

**Included Upgrade**

5Y Onsite upgrade from 1Y Courier/Carry-in Promo(CPN)

**CERTIFICATIONS****Green Certifications**

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 3
- RoHS compliant
- TCO Certified

**SOFTWARE****Operating System**

Windows® 11 Pro, Greek / English

**Bundled Software**

None

**ACCESSORIES****Bundled Accessories**

None

**MODEL**

**TopSeller** : Yes **Announce Date** : 2023-07-04

**EAN / UPC / JAN** : 0197532058651 **End of Support** : 2028-06-30

Note:

[1] Intel Max Turbo frequency will vary depending on application workload and the hardware and software configurations, see

<http://www.intel.com/technology/turboboost/> for more information.

[2] The max memory is based on the test results with current Lenovo memory offerings.

[3] The max capacity of each disk type is based on the test results with current Lenovo storage offerings.

[4] The system dimensions may vary depending on configurations.

[5] The system weight is approximate and based on results in.....

· 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.



### Lenovo Professional Wireless Combo Keyboard & Mouse (US English)

4X30H56796

This sleek and stylish full-size keyboard and mouse combo offers exceptional quality in a modern wireless solution. The slim 3-zone keyboard with number pad has responsive quiet keys and a premium typing experience. O...

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

**Lenovo**

**PSREF**  
Product Specifications  
Reference