

PERFORMANCE

Processor^[1]

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

2x 8GB UDIMM DDR4-3200

Memory Slots

Two DDR4 UDIMM slots, dual-channel capable

Max Memory^[2]

Up to 64GB DDR4-3200

Storage

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

Optane™ Memory

None

Storage Support^[3]

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

None

Optical

None

Audio Chip

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

Speakers

1Wx1

Power Supply

260W 90%

DESIGN

Keyboard

USB Traditional Keyboard, Black, Portuguese (BR)

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)^[4]

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

Weight^[5]

Around 4.5 kg (9.9 lbs)

CONNECTIVITY

WLAN + Bluetooth^[6]

Realtek® Wi-Fi® 6 RTL8852AE, 802.11ax 2x2 + BT5.1

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)

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

None

CERTIFICATIONS

Green Certifications

- ErP Lot 3
- RoHS compliant
- TCO Certified

SOFTWARE

Operating System

Windows® 11 DG Windows® 10 Pro 64, Portuguese (Brazil)

Bundled Software

None

ACCESSORIES

Bundled Accessories

None

MODEL

TopSeller	: Yes	Announce Date	: 2022-04-08
EAN / UPC / JAN	: 196119836187	End of Support	: 2028-06-30

Product image is a sample, it may not match the real color of this model

• 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.

Recommended Services

BEST	5Y Premier Support Plus upgrade from 1Y Courier/Carry-in (5WS1L39085)
BETTER	3Y Premier Support Plus upgrade from 1Y Courier/Carry-in (5WS1L39472)
GOOD	3Y Premier Support Upgrade from 1Y Courier/Carry-in (5WS0T36200)

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



PSREF
Product Specifications
Reference