

PERFORMANCE

Processor

Intel® Core™ i9-12900, 16C (8P + 8E) / 24T, P-core 2.4 / 5.0GHz, E-core 1.8 / 3.8GHz, 30MB

Graphics

Integrated Intel UHD Graphics 770

Chipset

Intel Q670 Chipset

Memory

16GB UDIMM DDR5-4400

Memory Slots

Four DDR5 UDIMM slots, dual-channel capable

Max Memory

Up to 128GB DDR5

Storage

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

Optane™ Memory

None

Storage Support

Up to four drives, 2x 3.5" HDD + 2x M.2 SSD

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

Card Reader

3-in-1 Card Reader

Optical

DVD±RW

Audio Chip

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

Speakers

2Wx1

Power Supply

750W 92%

DESIGN

Keyboard

USB Calliope Keyboard, Black, English (UK)

Mouse

USB Calliope Mouse, Black

Front Access HDD

None

Optional Bay

Optional 3.5" Bay

Expansion Slots

- One PCIe 3.0 x1
- One PCIe 4.0 x16 (x4 signal)
- One PCIe 4.0 x16, full-height, length<249mm
- Three M.2 slots (one for WLAN, two for SSD)

Case Color

Black

System Fan

1x Rear

Stand

None

Carry Handle

None

Dust Filter

None

Form Factor

Tower (17L)

Dimensions (WxDxH)

376 x 170 x 297.85 mm (14.8x 6.7 x 11.73 inches)

Weight

Around 7.5kg (16.53 lbs)

CONNECTIVITY

Ethernet

Integrated 100/1000M

WLAN + Bluetooth®

None

Front Ports

- 1x USB 3.2 Gen 1
- 1x USB 3.2 Gen 2
- 1x USB-C® 3.2 Gen 2
- 1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

Rear Ports

- 2x USB 2.0 (one with smart power-on feature)
- 2x USB 3.2 Gen 1
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4
- 1x Ethernet (RJ-45)
- 1x line-in (3.5mm)
- 1x line-out (3.5mm)
- 1x microphone (3.5mm)

Optional Rear Ports (configured)

parallel + serial

Monitor Cable

None

SECURITY & PRIVACY

Security Chip

Discrete TPM 2.0, TCG certified

Fingerprint Reader

- No fingerprint reader
- No fingerprint reader

Kensington® Cable Lock

None

Smart Cable Clip

None

Chassis E-Lock

None

Chassis Intrusion Switch

Chassis Intrusion Switch

MANAGEABILITY

System Management

vPro Essential

SERVICE

Base Warranty

1-year, Depot

Included Upgrade

1Y Onsite from 1Y Depot WHB (CPN) (5WS1H22627)

CERTIFICATIONS

Green Certifications

- EPEAT™ Silver
- ENERGY STAR® 8.0
- ErP Lot 3
- RoHS / WEEE / REACH

SOFTWARE

Operating System

Windows® 11 Pro 64, English

Bundled Software

None

MODEL

TopSeller : Yes

Announce Date : 2022-05-31

EAN / UPC / JAN : 0196380299162

End of Support : 2028-11-26

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 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...

Recommended Services

BEST	5Y Premier Support Upgrade from 1Y Courier/Carry-in (5WS0V07830)
BETTER	4Y Premier Support Upgrade from 1Y Courier/Carry-in (5WS0V07818)
GOOD	3Y Premier Support Upgrade from 1Y Courier/Carry-in (5WS0V07839)

For a full list of accessories and services, please visit:
<https://smartfind.Lenovo.com>



PSREF
Product Specifications
Reference