

PERFORMANCE

Processor^[1]
 Intel® Core™ i9-14900KF, 24C (8P + 16E) / 32T, Max Turbo up to 6GHz, P-core 3.2 / 5.6GHz, E-core 2.4 / 4.4GHz, 36MB

Graphics
 NVIDIA® GeForce RTX™ 4080 SUPER 16GB GDDR6X 836 AI TOPS

Chipset
 Intel® Z790 Chipset

Memory^[2]
 2x 16GB UDIMM DDR5-5600

Memory Slots
 Four DDR5 UDIMM slots, dual-channel capable

Max Memory^{[3][4]}
 Up to 64GB DDR5-5600

Storage
 2TB SSD M.2 2280 PCIe® 4.0x4 NVMe®

Storage Support^[5]
 Up to seven drives, 2x 3.5" HDD + 2x 2.5" HDD + 3x M.2 SSD
 • 3.5" HDD up to 2TB
 • 2.5" HDD up to 2TB
 • M.2 SSD up to 2TB

Card Reader
 None

Optical
 None

Audio Chip
 High Definition (HD) Audio, Realtek® ALC897 codec

Speakers
 No speakers

Power Supply
 850W 90%

DESIGN

Keyboard
 None

Mouse
 None

Optional Bay
 2.5" HDD bay

Expansion Slots
 • One PCIe® 5.0 x16
 • One PCIe® 4.0 x16 (x4 signal)
 • One PCIe® 3.0 x1
 • Four M.2 slots (one for WLAN, three for SSD)

Case Color
 Storm Grey

System Lighting
 Legion Lighting + Internal Ambient Lighting

Chassis
 Inner Decorate Cover

Cooler
 3x M.2 SSD Heatsink + 150W 120MM with RGB Light

System Fan
 1x Rear + 3 Front + 2x Top with ARGB

Form Factor
 Tower (34L)

Dimensions (WxDxH)^[6]
 211 x 464 x 494 mm (8.3 x 18.26 x 19.44 inches)

Weight^[7]
 17 kg (37.47 lbs)

CONNECTIVITY

Ethernet
 2.5GbE RTL8125BG

WLAN + Bluetooth^[8]
 Wi-Fi® 6E, 802.11ax 2x2 + BT5.3

Top Ports
 • 2x USB 2.0
 • 2x USB 3.2 Gen 1
 • 1x headphone (3.5mm)
 • 1x microphone (3.5mm)

Rear Ports
 • 1x USB-C® 3.2 Gen 2x2
 • 1x USB 3.2 Gen 2
 • 2x USB 2.0
 • 4x USB 3.2 Gen 1
 • 1x Ethernet (RJ-45)
 • 1x Lighting switch
 • 6x audio connectors (with SPDIF)

SECURITY & PRIVACY

Security Chip
 Firmware TPM 2.0 integrated in chipset

SERVICE

Base Warranty
 2-year, Courier or Carry-in

Included Upgrade
 None

CERTIFICATIONS

Green Certifications
 • ErP Lot 3
 • RoHS compliant

SOFTWARE

Operating System
 Windows® 11 Home, French

Bundled Software
 None

MODEL

TopSeller	: No	Announce Date	: 2024-03-01
EAN / UPC / JAN	: 197530668555	End of Support	: 2028-12-07



intel

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

Note:

[1] Intel UHD Graphics in processor is disabled.

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] Installed memory is actually DDR5-5600 or DDR5-4800 but may run as DDR5-4400 or DDR5-4000 depending on the memory support capability of Intel.

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

[4] Maximum supported memory speed may be lower when populating multiple DIMMs per channel on products that support multiple memory channels.

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

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

[7] The system weight is approximate and based on results in Lenovo lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

[8] WIFI 6E may downgrade to WIFI 6 due to Regulatory restrictions.

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2124?M=90V700ESFC>

Premium Care - Advanced Support from Real People. Real Fast.



REAL PERSON

Choose how you want to reach us - through the phone, chat or email - our expert technicians will take care of you.



REAL FAST

Highly trained technicians will provide you real-time solutions, whatever the issue, on your first contact. If needed, our team will schedule an onsite visit for the next business day.



HASSLE FREE

'Getting started' and 'how-to' assistance for hardware and software. Easy solutions that are simple to reach - that's how Premium Care delivers you the ideal support experience.



PC HEALTH CHECK

Free annual PC Health Check that allows our experts to spot issues before you do so they can resolve them quickly and help you avoid PC problems.

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
- Technician Installed Customer
- Onsite Support
- 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.



ThinkPad USB3.0 to Ethernet Adapter

4X90S91830

The ThinkPad USB3.0 to Ethernet Adapter is quick and easy way to connect your notebook and desktop to Ethernet connections. It's ideal for imaging of systems or transferring large files quickly.

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

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PSREF
Product Specifications
Reference