

PERFORMANCE

- Processor**
 AMD Ryzen™ 9 7950X3D (16C / 32T, 4.2 / 5.7GHz, 16MB L2 / 128MB L3)
AI PC Category^[1]
 AI-Powered Gaming PC
Graphics^[2]
 NVIDIA® GeForce RTX™ 5070 12GB GDDR7
Chipset
 AMD B650 Chipset
Memory
 2x 16GB UDIMM DDR5-5600
Memory Slots
 Four DDR5 UDIMM slots, dual-channel capable
Max Memory^[3]
 Up to 32GB DDR5-5600
Storage
 1TB SSD M.2 2280 PCIe® 4.0x4 NVMe®
Storage Support^[4]
 Up to four drives, 1x 3.5" HDD + 3x M.2 SSD
 • 3.5" HDD up to 2TB
 • M.2 SSD up to 2TB each
Card Reader
 None
Optical
 None
Audio Chip
 High Definition (HD) Audio, Realtek® ALC623 codec
Speakers
 No speakers
Power Supply
 850W 90%
DESIGN
Keyboard
 None
Mouse
 None
Expansion Slots
 • One PCIe® 4.0 x16
 • One PCIe® 3.0 x4
 • Four M.2 slots (one for WLAN, three for SSDs)
Case Color
 Eclipse Black
System Lighting
 None
Chassis
 Transparent Cover + Inner Decorate Cover

- Cooler**
 PCH Heatsink + SSD Heatsink + VRM Heatsink + 150W 120MM-Fan airflow with ARGB light
System Fan
 1x Rear with ARGB + 2x Top with ARGB
Pen
 Pen Not Supported
Form Factor
 Tower (30L)
Dimensions (WxDxH)
 211 x 490.4 x 413.5 mm (8.3 x 19.3 x 16.28 inches)
Weight^[5]
 Around 15 kg (33.06 lbs)
CONNECTIVITY
WLAN + Bluetooth®
 Wi-Fi® 7, 802.11be 2x2 + BT5.4
WWAN
 Non-WWAN
Ethernet
 2.5GbE RTL8125BG
Top Ports
 • 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1)
 • 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
 • 1x headphone / microphone combo jack (3.5mm)
Rear Ports^[6]
 • 1x USB-C® (USB 10Gbps / 3.2 Gen 2)
 • 2x USB-A (Hi-Speed USB / USB 2.0)
 • 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
 • 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
 • 1x Ethernet (2.5GbE RJ-45)
 • 1x power connector
 • 3x audio out (5.1 channel)
SECURITY & PRIVACY
Security Chip
 Firmware TPM 2.0 integrated in chipset
SERVICE
Base Warranty
 3-year, Courier or Carry-in
Included Upgrade
 None
SOFTWARE
Operating System
 Windows® 11 Pro, Spanish
Bundled Software
 None

MODEL

- TopSeller** : No

Announce Date : 90YJ005DES
- EAN / UPC / JAN** : 199271420003

End of Support : 2025-05-20



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

Note:

[1] AI-Powered Gaming PCs feature Lenovo AI Engine+ and NVIDIA GeForce RTX GPUs to handle AI-driven tasks and deliver exceptional gaming performance.

[2] The information of integrated graphics are not applicable for the models with processor which has no integrated graphics inside (for the details, please refer to processor section).

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

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

[5] 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.

[6] For video ports on discrete graphics, please see graphics section.

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2547?M=90YJ005DES>

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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
- 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...

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

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Product Specifications
Reference