IdeaCentre Tower 08IRH9 90XW002DGF

PSREF
Product Specifications Reference

PERFORMANCE

Processor
Intel® Core™ i7-13620H, 10C (6P + 4E) / 16T, P-core 2.4 / 4.9GHz, E-core 1.8 / 3.6GHz, 24MB

Graphics[1]
Integrated Intel® UHD Graphics

Chipset
Intel® SoC Platform

Memory
1x 16GB SO-DIMM DDR5-5200

Memory Slots
Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory[2]
Up to 32GB DDR5-5200

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

Storage Support[3]
Up to three drives, 1x 3.5" HDD + 2x M.2 SSD
• 3.5" HDD bay only for customer self upgrade
• M.2 SSD up to 1TB each

Card Reader
None

Optical
None

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

Speakers
No speakers

Power Supply
180W 85%

DESIGN

Keyboard
None

Mouse
None

Expansion Slots
- One PCIe® 3.0 x16, low-profile, length ≤ 155mm, height ≤ 70mm
- One PCIe® 3.0 x1, low-profile, length ≤ 155mm, height ≤ 70mm
- Three M.2 slots (one for WLAN, two for SSD)

Case Color
Cloud Grey

System Fan
2x default

Pen
Pen Not Supported

Form Factor
SFF (8.2L)

Dimensions (WxDxH)[4]
89 x 291.4 x 339.5mm (3.5 x 11.5 x 13.4 inches)

Weight[5]
Around 3.59 kg (7.9 lbs)

CONNECTIVITY

Ethernet
Integrated 100/1000M

WLAN + Bluetooth®
Wi-Fi® 6, 802.11ax 2x2 + BT5.2

WWAN
Non-WWAN

Front Ports
- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with 15W charging
- 2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

Rear Ports[6]
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), with Smart Power On
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 2x USB-A (Hi-Speed USB / USB 2.0)
- 1x HDMI® 2.1 TMDS
- 1x VGA
- 1x Ethernet (RJ-45)
- 1x audio-out (3.5mm)
- 1x power connector

SECURITY & PRIVACY

Security Chip
Firmware TPM 2.0 integrated in SoC

MANAGEABILITY

System Management
None

SERVICE

Base Warranty
2-year, Courier or Carry-in

Included Upgrade
<= 3 Months Premium Care

CERTIFICATIONS

Green Certifications
- ErP Lot 3
- RoHS compliant

SOFTWARE

Operating System
Windows® 11 Home, German

Bundled Software
None

ACCESSORIES

Bundled Accessories
Vertical Stand

MODEL

TopSeller	: No	**Announce Date**	: 2024-11-04
EAN / UPC / JAN	: 198155889028	**End of Support**	: 2030-11-30



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

Note:
[1] 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).
[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 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/2554?M=90XW002DGF

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
- Onsite Support
- Technician Installed Customer
- Replaceable Unit Service
- International Warranty Upgrade

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