# IdeaCentre Tower 08IRH9 90XW005UIN



The product images are for illustration purposes only. Actual product appearance, ports, keyboard layout, and accessories may vary by model.

- Intel Core i5-13420H, 8C (4P + 4E) / 12T, P-core up to 4.6GHz, E-core up to 3.4GHz, 12MB Intel Smart Cache
- 1x 8GB SODIMM DDR5-5200
- 512GB SSD M.2 2280 PCIe 4.0x4 NVMe
- Integrated Intel UHD Graphics
- Windows 11 Home Single Language, English
- Case color - Cloud Grey
- 1-year, Onsite

## 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

## Recommended Accessories United Kingdom



Lenovo 350 Bluetooth Silent Mouse (Fan Edition - Argentina)

GY51U71763



Lenovo Analog In-Ear Headphones Gen II Bulk Package (20pcs)

4XD1T54899



Lenovo PS8S Portable SSD 4TB

4XB1T91892



Lenovo 310 FHD Webcam Black

GXC1S15024



Lenovo USB-C Cable 1m

4X90U90619

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## PERFORMANCE

**Processor**
Intel Core™ i5-13420H, 8C (4P + 4E) / 12T, P-core up to 4.6GHz, E-core up to 3.4GHz, 12MB Intel® Smart Cache

**Graphics**[1]
Integrated Intel® UHD Graphics

**Chipset**
Intel® SoC Platform

**Memory**
1x 8GB SODIMM DDR5-5200

**Memory Slots**
Two DDR5 SODIMM slots, dual-channel capable

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

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

**Max 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**
No Card Reader

**Optical**
None

**Audio Chip**
- High Definition (HD) Audio, Realtek® ALC623-CG codec
- 24-bit DAC supports 44.1K/48K/96K sample rate, 2 channel DAC supports 16/20/24-bit PCM format for independent two stereo channel or 2.1 audio playback
- 24-bit ADC supports 44.1K/48K/96K sample rate, 2 channel ADC supports 16/20/24-bit PCM format for independent two stereo channel audio inputs

**Speakers**
No speakers

**Power Supply**
260W 90%[4]

## DESIGN

**Keyboard**
USB Calliope Keyboard, Black, English (IN)

**Mouse**
USB Calliope Mouse, Black

**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)**[5]
89 x 291.4 x 339.5mm (3.5 x 11.5 x 13.4 inches)

**Weight**[6]
Around 3.59 kg (7.9 lbs)

## CONNECTIVITY

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

**WWAN**
WWAN Not Supported

**Ethernet**
Integrated 100/1000M

**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**[7]
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), with Smart Power On
- 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**
1-year, Onsite

**Included Upgrade**
None

## CERTIFICATIONS

**Green Certifications**
- ErP Lot 3
- RoHS compliant

## SOFTWARE

**Operating System**
Windows® 11 Home Single Language, English

**Bundled Software**
None

## ACCESSORIES

**Bundled Accessories**
None

## MODEL

| | | | |
|---|---|---|---|
| **TopSeller** | : Yes | **EAN / UPC / JAN** | : 199271535721 |
| **Announce Date** | : 2025-05-21 | **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] Hybrid PSU sources configured for supply assurance; assembled product has maximum wattage of 258W.
[5] The system dimensions may vary depending on configurations.
[6] 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.
[7] For video ports on discrete graphics, please see graphics section

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- Lenovo reserves the right to change specifications without notice.