# IdeaCentre 3 07IAB7 90SM002QST



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

- Intel Core i5-12400, 6C (6P + 0E) / 12T, P-core 2.5 / 4.4GHz, 18MB Intel Smart Cache
- 1x 4GB UDIMM DDR4-3200
- 512GB SSD M.2 2280 PCIe 3.0x4 NVMe
- Integrated Intel UHD Graphics 730
- Windows 11 Home, Traditional Chinese / Simplified Chinese / English
- Case color - Cloud Grey
- 1-year, Courier or Carry-in

## 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 USB-A Wired Stereo Headset Gen 2

4XD1P83425



Lenovo Legion M410 Wireless RGB Gaming Mouse

GY51P83012



Kensington MicroSaver DS 2.0 Cable Lock from Lenovo

4XE1L68273



Lenovo Performance FHD Webcam

4XC1D66055



Lenovo USB-C Cable 1m

4X90U90619

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## PERFORMANCE

**Processor**
Intel Core™ i5-12400, 6C (6P + 0E) / 12T, P-core 2.5 / 4.4GHz, 18MB Intel® Smart Cache[1]

**Graphics**
Integrated Intel® UHD Graphics 730

**Chipset**
Intel® B660 Chipset

**Memory**
1x 4GB UDIMM DDR4-3200

**Memory Slots**
Two DDR4 UDIMM slots, dual-channel capable

**Max Memory**[2]
Up to 32GB DDR4-3200

**Storage**
512GB SSD M.2 2280 PCIe® 3.0x4 NVMe®

**Optane Memory**
None

**Max Storage Support**[3]
Up to two drives, 1x 3.5" HDD + 1x M.2 SSD • 3.5" HDD up to 2TB • M.2 SSD up to 1TB

**Card Reader**
7-in-1 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 85%

## DESIGN

**Keyboard**
USB Calliope Keyboard, Black, English

**Mouse**
USB Calliope Mouse, Black

**Expansion Slots**
Two M.2 slots (one for WLAN, one for SSD)

**Case Color**
Cloud Grey

**System Fan**
None

**Pen**
Pen Not Supported

**Form Factor**
SFF (7.4L)

**Dimensions (WxDxH)**[4]
100 x 303.5 x 274.8 mm (3.9 x 11.94 x 10.8 inches)

**Weight**[5]
6.25 kg (13.8 lbs)

## CONNECTIVITY

**WLAN + Bluetooth**
Wi-Fi® 5, 802.11ac 2x2 + BT5.1

**WWAN**
WWAN Not Supported

**Ethernet**
Integrated 100/1000M

**Front Ports**
- 1x USB-C® 3.2 Gen 1 (support data transfer and 5V@3A charging)
- 2x USB 3.2 Gen 1
- 1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

**Optional Front Ports (configured)**
1x card reader

**Rear Ports**
- 2x USB 2.0
- 2x USB 3.2 Gen 1
- 1x HDMI® 1.4
- 1x VGA
- 1x Ethernet (RJ-45)
- 1x power connector

## SECURITY & PRIVACY

**Security Chip**
Firmware TPM 2.0 integrated in chipset

## SERVICE

**Base Warranty**
1-year, Courier or Carry-in

**Included Upgrade**
None

## CERTIFICATIONS

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

## SOFTWARE

**Operating System**
Windows® 11 Home, Traditional Chinese / Simplified Chinese / English

**Bundled Software**
None

## MODEL

**TopSeller** : No
**Announce Date**: 2022-01-28
**EAN / UPC / JAN**: 196378829982
**End of Support** : 2028-01-15




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

Note:
[1] 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] 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.

- Please refer to the official Lenovo store website or contact a local Lenovo sales representative or authorized business partner for current inventory and purchase options.
- Lenovo reserves the right to change specifications without notice.