

## PERFORMANCE

### Processor<sup>[1]</sup>

Intel® Core™ i5-12450H, 8C (4P + 4E) / 12T, P-core 2.0 / 4.4GHz, E-core 1.5 / 3.3GHz, 12MB

### Graphics<sup>[2]</sup>

Integrated Intel® UHD Graphics

### Chipset

Intel® SoC Platform

### Memory

1x 8GB SO-DIMM DDR4-3200

### Memory Slots

Two DDR4 SO-DIMM slots, dual-channel capable

### Max Memory<sup>[3]</sup>

Up to 16GB DDR4-3200

### Storage

512GB SSD M.2 2280 PCIe® 3.0x4 NVMe®

### Optane™ Memory

None

### Storage Support<sup>[4][5]</sup>

Up to two drives, 1x 2.5" HDD + 1x M.2 SSD

- 2.5" HDD up to 1TB
- M.2 SSD up to 1TB

### Card Reader

None

### Optical

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC256 codec

### Speakers

3Wx2

### Camera

HD 720p

### Microphone

2x, Array

### Power Supply

90W 89% Adapter

## DESIGN

### Display<sup>[6]</sup>

23.8" FHD (1920x1080) IPS 250nits Anti-glare

### Touchscreen

None

### Keyboard

USB Calliope Keyboard, Black, Russian

### Mouse

USB Calliope Mouse, Black

### Expansion Slots

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

### Case Color

Black

### Stand

AIO Stand

### Pen

No support

### Form Factor

AIO (23.8 inches)

### Dimensions (WxDxH)<sup>[7]</sup>

541.2 x 185.34 x 433.96 mm (21.3 x 7.29 x 17.08 inches)

### Weight<sup>[8]</sup>

7.03 kg (15.49 lbs)

## CONNECTIVITY

### Ethernet

Integrated 100/1000M

### WLAN + Bluetooth®

11ac 2x2 + BT5.1

### Rear Ports

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

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0 integrated in SoC

### Physical Locks

No physical locks

## SERVICE

### Base Warranty

1-year, Courier or Carry-in

### Included Upgrade

None

## CERTIFICATIONS

### Green Certifications

- ErP Lot 3 and Lot 7
- RoHS compliant

## SOFTWARE

### Operating System

None

### Bundled Software

None

## MODEL

**TopSeller** : Yes **Announce Date** : 2023-06-01

**EAN / UPC / JAN** : 197528755694 **End of Support** : 2028-02-21



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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] Intel Iris Xe Graphics capability requires system to be configured with dual-channel memory. On the system with single-channel memory, Intel Iris Xe Graphics will function as Intel UHD Graphics.

[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] 2.5" HDD bracket kit only comes with pre-configured HDD models.

[6] IPS (in-plane switching) technology may refer to IPS, PLS, ADS, AHVA, AAS.

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

[8] 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.

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/1812?M=FOGH0120RU>

## 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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## Recommended Services

BEST	4Y Premium Care with Onsite upgrade from 1Y Courier/Carry-in (5WS0W36567)
GOOD	3Y Onsite upgrade from 1Y Courier/Carry-in (5WS0K78516)

For a full list of accessories and services, please visit:

<https://smartfind.Lenovo.com>

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**PSREF**  
Product Specifications  
Reference