

## PERFORMANCE

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

Intel® Core™ i7-12700H, 14C (6P + 8E) / 20T, P-core 2.3 / 4.7GHz, E-core 1.7 / 3.5GHz, 24MB

### Graphics

Intel® Arc™ A370M 4GB GDDR6

### Chipset

Intel® SoC Platform

### Memory

1x 16GB SO-DIMM DDR5-4800

### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

### Max Memory<sup>[2]</sup>

Up to 16GB DDR5-4800

### Storage

512GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

### Storage Support<sup>[3]</sup>

- Up to two drives, 1x 2.5" HDD + 1x M.2 SSD
  - 2.5" HDD up to 2TB
  - M.2 SSD up to 1TB
- For installing HDD storage, assembly kits are needed. The kits only come with HDD models.

### Card Reader

No card reader

### Optical

None

### Audio Chip

High Definition (HD) Audio, Realtek® ALC274-CG codec

### Speakers

3Wx2

### Camera

5.0MP + IR, AI

### Microphone

2x, Array

### Power Supply

180W 90%

## DESIGN

### Display<sup>[4]</sup>

23.8" FHD (1920x1080) IPS 250nits Anti-glare, 72% NTSC

### Touchscreen

None

### Keyboard

USB Calliope Keyboard, Black, Turkish

### Mouse

USB Calliope Mouse, Black

### Expansion Slots

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

### Case Color

Raven Black

### Stand

Liftable Monitor Stand

### Mounting

Supports VESA mount 100mm

### Form Factor

AIO (23.8 inches)

### Dimensions (WxDxH)<sup>[5]</sup>

541 x 220 x 482 mm (21.3 x 8.7 x 19 inches)

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

Around 7.65 kg (16.9 lbs)

## CONNECTIVITY

### Ethernet

Integrated 100/1000M

### WLAN + Bluetooth<sup>[7]</sup>

Intel® Wi-Fi® 6 AX201, 802.11ax 2x2 + BT5.1

### Rear Ports

- 1x USB-C® 2.0 (Supports data transfer, Power Delivery 3.0)
- 2x USB-C® 3.2 Gen 2
- 1x USB 2.0
- 1x USB 3.2 Gen 2 (Supports smart power-on)
- 1x HDMI®-in 1.4
- 1x HDMI®-out 2.1 TMDS
- 1x Ethernet (RJ-45)
- 1x headphone / microphone combo jack (3.5mm)

### Left Ports

1x USB 3.2 Gen 1

### Monitor Cable

1x USB-C® to USB-A

## SECURITY & PRIVACY

### Security Chip

Firmware TPM 2.0 integrated in SoC

### Physical Locks

Kensington® Security Slot™, 3 x 7 mm

## SERVICE

### Base Warranty

1-year, Courier or Carry-in

### Included Upgrade

2Y Courier/Carry-in upgrade from 1Y Courier/Carry-in

## CERTIFICATIONS

### Other Certifications

- TÜV Rheinland® Flicker Free
- TÜV Rheinland® Low Blue Light
- TÜV Rheinland® Ultra Low Noise

## SOFTWARE

### Operating System

None

### Bundled Software

None

## ACCESSORIES

### Bundled Accessories

USB-C® to USB-A dongle

## MODEL

**TopSeller** : Yes **Announce Date** : 2022-09-27

**EAN / UPC / JAN** : 0196802657891 **End of Support** : N/A



intel

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

[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] Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2062?M=12B90048TX>

## Premier Support - A direct 24x7x365 line to our most elite technicians.



Advanced technical support, 24x7x365, in more than 100 markets



Technical Account Managers for proactive relationship and escalation management



Comprehensive hardware & OEM software support



Priority on service delivery and repair parts



Single point of contact for simplified end-to-end case management



Lenovo Service Connect Portal for customized reporting and product support

## 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



### Kensington MicroSaver 2.0 Cable Lock from Lenovo

4XEON80914

Protect your device. Lenovo offers the latest standard in device security – the MicroSaver 2.0 Cable Lock From Lenovo. Engineered to be the smallest, strongest lock for laptops and other devices, the MicroSaver 2.0 re...



### 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>



**PSREF**  
Product Specifications  
Reference