

## PERFORMANCE

### Processor

Intel® Core™ i7-14700, 20C (8P + 12E) / 28T, Max Turbo up to 5.4GHz, P-core 2.1 / 5.3GHz, E-core 1.5 / 4.2GHz, 33MB

### Graphics

Integrated Intel® UHD Graphics 770

### Chipset

Intel® Q670 Chipset

### Memory

2x 16GB SO-DIMM DDR5-5600

### Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

### Max Memory<sup>[1]</sup>

- Models with Core i3/i5: Up to 64GB DDR5-4800
- Models with Core i7: Up to 64GB DDR5-5200

### Storage

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

### Storage Support<sup>[2]</sup>

Models with Intel® UHD graphics:  
Up to two drives, 2x M.2 SSD  
• M.2 SSD up to 2TB each

### Card Reader

None

### Optical

DVD±RW

### Audio Chip

High Definition (HD) Audio, Realtek® ALC233NL-VB2-CG codec

### Speakers

3Wx2

### Camera

5.0MP + IR Hybrid

### Microphone

2x, Array

### Power Supply

180W 90%

## DESIGN

### Display<sup>[3]</sup>

23.8" FHD (1920x1080) IPS Anti-glare 250nits, 60Hz, 72% NTSC, software low blue light, flick free, touch

### Touchscreen

10-point Multi-touch

### Keyboard

USB Calliope Keyboard, Black, English

### Mouse

USB Calliope Mouse, Black

### Optional Bay

None

### Expansion Slots

Models with Intel® UHD graphics: Three M.2 slots (one for WLAN, two for SSD)

### Case Color

Black

### Stand

UltraFlex V Stand

### Mounting

VESA mount

### Form Factor

AIO (23.8 inches)

### Dimensions (WxDxH)<sup>[4]</sup>

Lowest in flat mode: 539.6 x 344.19 x 227.54 mm (21.24 x 13.55 x 8.96 inches)

Highest in vertical mode: 539.6 x 252.60 x 472.00 mm (21.24 x 9.94 x 18.58 inches)

### Weight<sup>[5]</sup>

Around 7.83 kg (17.3 lbs)

## CONNECTIVITY

### Ethernet

Integrated 100/1000M

### WLAN + Bluetooth®

Intel® Wi-Fi® 6E AX211, 802.11ax 2x2 + BT5.3, vPro®

### Rear Ports

- 1x USB-C® (USB 10Gbps / USB 3.2 Gen 2), with data transfer and 15W charging
- 3x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 1x HDMI® (HDMI® in 1.4 / HDMI® out 2.1 TMDS combo port)
- 1x DisplayPort™ 1.4
- 1x Ethernet (RJ-45)

### Right Ports

- 3x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x headphone / microphone combo jack (3.5mm)

### Optional Ports (configured)

None

## SECURITY & PRIVACY

### Security Chip

Discrete TPM 2.0, TCG certified, FIPS 140-2 certified

### Fingerprint Reader

No fingerprint reader

### Physical Locks

Kensington® Security Slot™, 3 x 7 mm

### Chassis Intrusion Switch

None

### Additional Security

None

### Other Security

ThinkShutter camera cover (camera models)

## MANAGEABILITY

### System Management<sup>[6]</sup>

Intel® vPro® Enterprise

## SERVICE

### Base Warranty

3-year, Onsite

### Included Upgrade

None

## CERTIFICATIONS

### Green Certifications

- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 3
- GREENGUARD®
- RoHS compliant
- TCO Certified 9.0
- TCO edge

### Other Certifications

- TÜV Rheinland® Low Blue Light (Software Solution)
- TÜV Rheinland® Flicker Free
- UL Anti-dust

### Mil-Spec Test

MIL-STD-810H military test passed (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, Fungus, Solar Radiation, Contamination by Fluids, Salt Fog)

## SOFTWARE

### Operating System

Windows® 11 Pro, English

### Bundled Software

None

## ACCESSORIES

### Bundled Accessories

None

## MODEL

**TopSeller** : Yes **Announce Date** : 2024-07-30

**EAN / UPC / JAN** : 198154815288 **End of Support** : 2030-08-16

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to <https://psref.lenovo.com/Detail/2409?M=12SH002BUS>

## 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...

## Recommended Services

BEST	4Y Premier Support Plus upgrade from 3Y Onsite (5WS1L39035)
BETTER	3Y Premier Support Plus upgrade from 3Y Onsite (5WS1L39119)
GOOD	3Y Premier Support upgrade from 3Y Onsite (5WS0V08537)

For a full list of accessories and services, please visit:  
<https://smartfind.Lenovo.com>



**PSREF**  
Product Specifications  
Reference