

## PERFORMANCE

### Processor

Intel® Core™ i7-12700, 12C (8P + 4E) / 20T, Max Turbo up to 4.9GHz, P-core 2.1 / 4.8GHz, E-core 1.6 / 3.6GHz, 25MB

### Graphics

Integrated Intel UHD Graphics 770

### Chipset

Intel Q670 Chipset

### Memory

1x 16GB UDIMM DDR4-3200

### Memory Slots

Four DDR4 DIMM slots, dual-channel capable

### Max Memory

Up to 128GB DDR4-3200

### Storage

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

### Storage Support

Up to three drives, 1x 2.5"/3.5" HDD + 1x 2.5" HDD + 1x M.2 SSD

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

### Card Reader

3-in-1 Card Reader

### Optical

DVD±RW

### Audio Chip

High Definition (HD) Audio, Realtek® ALC897Q-CG codec

### Speakers

2Wx1

### Power Supply

260W 90%

## DESIGN

### Keyboard

USB Traditional Keyboard, Black, German

### Mouse

USB Calliope Mouse, Black

### Optional Bay

Optional 2.5" Bay

### Expansion Slots

- One PCIe 4.0 x16, full-height, length ≤ 209mm, height ≤ 117.5mm
- Two PCIe 3.0 x1, full-height, (length ≤ 185mm, height ≤ 100mm) or (length ≤ 118mm, height ≤ 110mm)
- Two M.2 slots (one for WLAN, one for SSD)

### Case Color

Black

### Stand

No stand

### Form Factor

Tower (13.6L)

### Dimensions (WxDxH)

145 x 296 x 346 mm (5.7 x 11.7 x 13.6 inches)

### Weight

Around 5.9 kg (13.0 lbs)

## CONNECTIVITY

### Ethernet

Integrated 100/1000M

### Front Ports

- 2x USB 3.2 Gen 1
- 2x USB 3.2 Gen 2
- 1x USB-C® 3.2 Gen 1 (15W charging)
- 1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

### Optional Front Ports (configured)

1x card reader

### Rear Ports

- 1x HDMI® 2.1 TMDS
- 2x DisplayPort™ 1.4
- 4x USB 2.0
- 1x Ethernet (RJ-45)
- 1x line-out (3.5mm)

## SECURITY & PRIVACY

### Security Chip

Discrete TPM 2.0, TCG certified

### Fingerprint Reader

No fingerprint reader

### Physical Locks

- Kensington® Security Slot™, 3 x 7 mm
- Padlock Loop

## MANAGEABILITY

### System Management

Intel® vPro® Enterprise

## SERVICE

### Base Warranty

1-year, Onsite

### Included Upgrade

1Y Premier Support TC DT/AIO Mainstream/Halo WHB (CPN)

## CERTIFICATIONS

### Green Certifications

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

### 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 DG Windows 10 Pro 64, German

## MODEL

TopSeller : Yes

Announce Date : 2023-01-03

EAN / UPC / JAN : 0196804092294

End of Support : 2028-08-25



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## 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 Services

BEST	5Y Premier Support upgrade from 1Y Premier Support (5WS1F52290)
BETTER	3Y Premier Support upgrade from 1Y Premier Support (5WS1B61713)
GOOD	2Y Premier Support upgrade from 1Y Premier Support (5WS1B61705)

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



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Product Specifications  
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