

PERFORMANCE

Processor

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

Graphics

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

Up to 16GB DDR4-3200

Storage

256GB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

Storage Support

- For installing HDD storage, assembly kits are needed. The kits only come with HDD models.
- 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

No card reader

Optical

DVD±RW

Audio Chip

High Definition (HD) Audio, Realtek® ALC256 codec

Speakers

3Wx2

Camera

HD 720p

Microphone

2x, Array

Power Supply

90W 89% Adapter

DESIGN

Display

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

Touchscreen

None

Keyboard

USB Calliope Keyboard, Black, Portuguese

Mouse

USB Calliope Mouse, Black

Expansion Slots

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

Case Color

Raven Black

Stand

Monitor Stand

Mounting

None

Form Factor

AIO (23.8 inches)

Dimensions (WxDxH)

541 x 207.5 x 433.8 mm (21.3 x 8.17 x 17.1 inches)

Weight

Around 6.7 kg (14.8 lbs)

CONNECTIVITY

Ethernet

Integrated 100/1000M

WLAN + Bluetooth®

Intel AX201, 11ax 2x2 + BT5.1

Rear Ports

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

Monitor Cable

No monitor cable

SECURITY & PRIVACY

Security Chip

Firmware TPM 2.0 integrated in SoC

MANAGEABILITY

SERVICE

Base Warranty

1-year, Courier or Carry-in

Included Upgrade

1Y Onsite from 1Y Depot WHB (CPN) (5WS1H22630)

CERTIFICATIONS

Green Certifications

- ErP Lot 3 and Lot 7
- RoHS / WEEE / REACH

Other Certifications

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

SOFTWARE

Operating System

Windows® 11 Pro, Portuguese / English

Bundled Software

None

ACCESSORIES

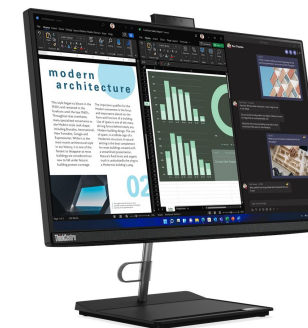
MODEL

TopSeller : Yes

Announce Date : 2023-01-31

EAN / UPC / JAN : 0196804419589

End of Support : 2028-08-28



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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	4Y Lenovo Protect (Premier Support + Keep Your Drive + Accidental Damage Protection + International Upg) (5PS0N73136)
BETTER	3Y Premier Support Upgrade from 1Y Onsite (5WS0T36111)
GOOD	3Y Onsite upgrade from 1Y Onsite (5WS0D81118)

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

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PSREF
 Product Specifications
 Reference