

PERFORMANCE

Processor^[1]

Intel® Core™ i9-14900, 24C (8P + 16E) / 32T, Max Turbo up to 5.8GHz, P-core 2.0 / 5.4GHz, E-core 1.5 / 4.3GHz, 36MB

Graphics

Integrated Intel® UHD Graphics 770

Chipset

Intel® Q670 Chipset

Memory

1x 32GB SO-DIMM DDR5-5200

Memory Slots

Two DDR5 SO-DIMM slots, dual-channel capable

Max Memory^[2]

Up to 64GB (2x 32GB DDR5 SO-DIMM)

Storage

1TB SSD M.2 2280 PCIe® 4.0x4 NVMe® Opal 2.0

Storage Support^[3]

Up to two drives, 2x M.2 2280 SSD

- M.2 2280 SSD up to 2TB

Card Reader

No card reader

Optical

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC233 codec

Speakers

Premium, 2Wx1

Power Supply

230W 89% Adapter

DESIGN

Keyboard

USB Traditional Keyboard, Black, English

Mouse

USB Calliope Mouse, Black

Expansion Slots

- One PCIe® 4.0 x8, low-profile
- Two M.2 PCIe® Gen 4x4 slots (for SSD)
- One M.2 slot (for WLAN)

Case Color

Black

Stand

Vertical Stand

Adapter Cage

None

Toolless Chassis Screw

None

Dust Filter

None

Mounting

None

IO Box

None

Form Factor

Tiny (1L)

Dimensions (WxDxH)^[4]

179 x 182.9 x 36.5 mm with rubber feet (7.05 x 7.2 x 1.44 inches with rubber feet)

Weight^[5]

1.25 kg (2.76 lbs)

CONNECTIVITY

Ethernet

Integrated 100/1000M

WLAN + Bluetooth^[6]

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

Front Ports

- 1x USB-C® (USB 20Gbps / USB 3.2 Gen 2x2), data transfer only
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), with Always On and 5V@2.1A charging
- 1x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x headphone / microphone combo jack (3.5mm)

Optional Front Ports (configured)

None

Rear Ports

- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), with Smart Power On
- 1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- 2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4a (HBR2, DSC)
- 1x Ethernet (GbE RJ-45)

Optional Rear Ports (configured)

1x DP

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

Chassis Intrusion Switch

MANAGEABILITY

System Management^[7]

Intel® vPro® Enterprise

SERVICE

Base Warranty

3-year, Onsite

Included Upgrade

None

CERTIFICATIONS

Green Certifications^[8]

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

Mil-Spec Test

MIL-STD-810H military test passed (Low Pressure [Altitude], High Temperature, Low Temperature, Temperature Shock, Humidity, Sand and Dust, Vibration, Shock, 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** : 2024-07-23

EAN / UPC / JAN : 198153869329 **End of Support** : 2031-02-23

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] The system dimensions may vary depending on configurations.

[5] The system weight is approximate and based on results in.....

· Lenovo reserves the right to change specifications without notice.

To see more note information, please link to

<https://psref.lenovo.com/Detail/2470?M=12TH0012US>

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



ThinkCentre Tiny VESA Mount II

4XFON03161

The ThinkCentre Tiny VESA Mount II is a unique design specific to house the Tiny PC while featuring the universal VESA mount configuration. The VESA standard enables this mount to attach to anything that is VESA comp...

Recommended Services

BEST	4Y Premier Support Plus upgrade from 3Y Onsite (5WSIL39206)
BETTER	3Y Premier Support Plus upgrade from 3Y Onsite (5WSIL39278)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WSOV07841)

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



PSREF
Product Specifications
Reference