ThinkCentre neo 50t Gen 5 12UD0043IV

Lenovo PSREF Product Specifications Reference

PERFORMANCE

Processor

Intel® Core i3-14100, 4C (4P + 0E) / 8T, P-core 3.5 / 4.7GHz, 12MB

Graphics^[1]

Integrated Intel® UHD Graphics 730

Chipset

Intel® B760 Chipset

Memory

1x 8GB UDIMM DDR5-4800

Memory Slots

Two DDR5 UDIMM slots, dual-channel capable

Max Memory^[2]

Up to 64GB DDR5-5600

Storage

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

Max Storage Support^[3]

Up to three drives, 1x 3.5"HDD + 1x 2.5"HDD + 1x M.2 SSD • 3.5" HDD up to 2TB • M.2 SSD up to 1TB • 2.5" HDD bay is only for customer self upgrade $^{[4]}$

Card Reader

3-in-1 Card Reader

Optical

DVD±RW

Audio Chip

High Definition (HD) Audio, Realtek® ALC623-CG codec

Speakers

2Wx1

Power Supply

180W 85%

DESIGN

Keyboard

USB Calliope Keyboard, Black, Hebrew

Mouse

USB Calliope Mouse, Black

Optional Bay

None

Expansion Slots

- •One PCIe[®] 3.0 x16, full-height, length \leq 233.6mm, height \leq 117.5mm
- •One PCle® 3.0 x1, full-height, (length \leq 185mm, height \leq 100mm) or (length \leq 118mm, height \leq 110mm)
- •Two M.2 slots (one for WLAN, one for SSD)

Case Color

Black

System Fan

None

Toolless Chassis Screw

Toolless Chassis Screw

Pen

Pen Not Supported

Form Factor

Tower (13.6L)

Dimensions (WxDxH)^[5]

145 x 294 x 340 mm (5.71x 11.57 x 13.39 inches)

Weight^[6]

Around 5.6 kg (12.35 lbs)

CONNECTIVITY

WLAN + Bluetooth

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

WWAN

Non-WWAN

Ethernet

RTL8111K, 1x RJ-45

Front Ports

- •1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with data transfer and 15W charging
- ·4x USB-A (USB 5Gbps / USB 3.2 Gen 1)
- •1x headphone / microphone combo jack (3.5mm)
- 1x microphone (3.5mm)

Rear Ports^[7]

- 4x USB-A (Hi-Speed USB / USB 2.0), one supports Smart Power On
- •1x HDMI® 2.1 TMDS
- •1x DisplayPort™ 1.4a (HBR2)
- •1x VGA
- •1x Ethernet (RJ-45)
- •1x line-out (3.5mm)

Optional Rear Ports (configured)

None

SECURITY & PRIVACY

Security Chip

Discrete TPM 2.0, TCG certified

Physical Locks

- Kensington® Security Slot™
- Padlock Loop

Smart Cable Clip

None

Chassis Intrusion Switch

Chassis Intrusion Switch

MANAGEABILITY

System Management^[8]

None

SERVICE

Base Warranty

1-year, Courier or Carry-in

Included Upgrade

3Y Onsite from 1Y Courier/Carry In SEE (CPN)

CERTIFICATIONS

Green Certifications

- •RoHS / WEEE / REACH
- •TCO Certified 9.0

Other Certifications

-

SOFTWARE

Operating System

None

Bundled Software

None

ACCESSORIES

Bundled Accessories

None

MODEL

 TopSeller
 : Yes
 EAN / UPC / JAN: 0198154060633

 Announce Date: 2024-07-15
 End of Support
 : 2031-02-15

Note:

- [1] The information of integrated graphics are not applicable for the models with processor which has no integrated graphics inside (for the details, please refer to processor section).
- [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] 2.5" HDD bay is optional part, only for customer self upgrade purpose and the hard drive is sold separately. Two onboard SATA ports support up to two drives of 2.5" HDD, 3.5" HDD and ODD.
- [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] For video ports on discrete graphics, please see graphics section
- [8] Intel vPro offers a superset of DASH's defined capabilities.
- · Lenovo reserves the right to change specifications without notice.

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



Comprehensive hardware & OEM software support



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



Technical Account Managers for proactive relationship and escalation management



Priority on service delivery and repair parts



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



Lenovo Legion M220 Wireless RGB Gaming Mouse GY51U28359



Lenovo Wired VoIP Headset 5000 4XD1R88995



Lenovo 310 FHD Webcam Black GXC1S15024

Please click here to view the full list of accessories.

