ThinkCentre neo 50q Gen 4 12LN0023IV

PERFORMANCE

Processor⁽¹⁾ Intel® Core™ i5-13420H, 8C (4P + 4E) / 12T, P-core 2.1 / 4.6GHz, E-core 1.5 / 3.4GHz, 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^[2] Up to 32GB DDR4-3200

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

Storage Support^{[3][4]}

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

None

Audio Chip

High Definition (HD) Audio, Realtek® ALC256 codec

Speakers

2Wx1

Microphone

No microphone

Power Supply^{15]} 65W 89% Adapter

DESIGN

Keyboard USB Calliope Keyboard, Black, Hebrew

Mouse USB Calliope Mouse, Black

Optional Bay 2.5" HDD Bracket

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

Case Color Black

Stand None

Adapter Cage None

Toolless Chassis Screw Toolless Chassis Screw

Mounting 1x VESA Mount

Form Factor Tiny (1L)

Dimensions (WxDxH)^[6]

179 x 182.9 x 36.5 mm (7.05 x 7.2 x 1.44 inches)

Weight^m Around 1.11 kg (2.45 lbs)

CONNECTIVITY

Ethernet Integrated 100/1000M

WLAN + Bluetooth®^[8]

Intel Wi-Fi® 6 AX201, 11ax 2x2 + BT5.1

Front Ports

- 1x USB-C[®] 3.2 Gen 2 (support data transfer and 5V@0.9A charging)
- 1x USB 3.2 Gen 2 (Always On and 5V@2.1A charging)
- 1x headphone / microphone combo jack (3.5mm)

Optional Front Ports (configured)

None

Rear Ports

- 2x USB 2.0
- 2x USB 3.2 Gen 2
- 1x HDMI® 2.1 TMDS
- 1x DisplayPort™ 1.4
- 1x Ethernet (RJ-45)

Optional Rear Ports (configured) None

Monitor Cable

None

SECURITY & PRIVACY

Security Chip Firmware TPM 2.0 integrated in SoC

Physical Locks

Kensington[®] Security Slot[™], 3 x 7 mm

Chassis Intrusion Switch Chassis Intrusion Switch



PSREF Product Specifications Reference

MANAGEABILITY

System Management Non-vPro®

SERVICE

Base Warranty 1-year, Onsite

Included Upgrade 3Y Onsite upgrade from 1Y Onsite

CERTIFICATIONS

- Green Certifications
- ErP Lot 3 and Lot 7
- RoHS compliant
- TCO Certified 9.0

SOFTWARE

Operating System

None Bundled Software

None

MODEL

TopSeller	: Yes	Announce Date	: 2023-04-18
EAN / UPC / JAN	: 0196804559087	End of Support	: N/A



Product image is a sample, it may not match the real color of this model Note:

[1] Intel Max Turbo frequency will vary depending on.....

 \cdot Lenovo reserves the right to change specifications without notice.

To see more note information, please link to https://psref.lenovo.com/Detail/2233?M=12LN0023IV

Premier Support - A direct 24x7x365 line to our most elite technicians.



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

Recommended Accessories



Kensington MicroSaver 2.0 Cable Lock from Lenovo

4XE0N8091

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...

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 3Y Onsite (5WS0T36123)
BETTER	4Y Premier Support Upgrade from 3Y Onsite (5WS0T36207)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WS0U26647)

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

