ThinkCentre neo 50q Gen 4 12LN000ASP

PSREF
Product Specifications Reference

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[5]
65W 89% Adapter

DESIGN

Keyboard
USB Calliope Keyboard, Black, Spanish

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[7]
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

MANAGEABILITY

System Management
Non-vPro®

SERVICE

Base Warranty
1-year, Courier or Carry-in

Included Upgrade
1Y Onsite from 1Y Depot WHB (CPN)

CERTIFICATIONS

Green Certifications[9]
- ENERGY STAR® 8.0
- EPEAT™ Gold Registered
- ErP Lot 3 and Lot 7
- TCO Certified 9.0
- RoHS compliant

SOFTWARE

Operating System
Windows® 11 Pro, Spanish

Bundled Software
None

MODEL

TopSeller	: Yes	**Announce Date**	: 2023-04-18
EAN / UPC / JAN	: 0196804564364	**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.....
· Lenovo reserves the right to change specifications without notice.
To see more note information, please link to
https://psref.lenovo.com/Detail/2233?M=12LN000ASP

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



Kensington MicroSaver 2.0 Cable Lock from Lenovo

4XE0N80914

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...

Recommended Services

BEST	5Y Premier Support Upgrade from 1Y Onsite (5WS0T36190)
BETTER	4Y Premier Support Upgrade from 1Y Onsite (5WS0T36168)
GOOD	3Y Onsite upgrade from 1Y Onsite (5WS0D80967)

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

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