

ThinkCentre neo 50q Gen 4 Thin Client 12M2001TMX

PERFORMANCE

**Processor**  
Intel® Core i3-1215U, 6C (2P + 4E) / 8T, P-core 1.2 / 4.4GHz, E-core 0.9 / 3.3GHz, 10MB<sup>[1]</sup>

**Graphics**  
Integrated Intel® UHD Graphics

**Chipset**  
Intel® SoC Platform

**Memory**  
1x 8GB SO-DIMM DDR4-3200

**Memory Slots**  
Models with Intel® Core processor: Two DDR4 SO-DIMM slots, dual-channel capable

**Max Memory**<sup>[2]</sup>  
Models with Intel® Core processor: Up to 32GB DDR4-3200

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

**Max Storage Support**<sup>[3]</sup>  
One drive, 256GB M.2 2280 SSD

**Card Reader**  
No card reader

**Optical**  
None

**Audio Chip**  
High Definition (HD) Audio, Realtek® ALC256 codec

**Speakers**  
2Wx1

**Microphone**  
No microphone

**Power Supply**<sup>[4]</sup>  
65W 89% Adapter

**DESIGN**

**Keyboard**  
USB Calliope Keyboard, Black, Nordic (DK/FI/NO/SV)

**Mouse**  
USB Calliope Mouse, Black

**Optional Bay**  
None

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

**Case Color**  
Black

**System Fan**  
1x System Fan

**Stand**  
Vertical Stand

**Adapter Cage**  
None

**Toolless Chassis Screw**  
None

**Mounting**  
None

**Pen**  
Pen Not Supported

**Form Factor**  
Tiny (1L)

**Dimensions (WxDxH)**<sup>[5]</sup>  
179 x 182.9 x 36.5 mm (7.05 x 7.2 x 1.44 inches)

**Weight**<sup>[6]</sup>  
Around 1.11 kg (2.45 lbs)

CONNECTIVITY

**WLAN + Bluetooth**  
Intel® Wi-Fi® 6 AX201, 802.11ax 2x2 + BT5.1<sup>[7]</sup>

**WWAN**  
Non-WWAN

**Ethernet**  
Integrated 100/1000M

**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)**  
DP 1.4

**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<sup>[8]</sup>

MANAGEABILITY

**System Management**  
Non-vPro®

**SERVICE**

**Base Warranty**  
1-year, Onsite

**Included Upgrade**  
3Y Onsite upgrade from 1Y Onsite, CO2 Offset 0.5 ton (2nd Generation Carbon Offset Projects)

**CERTIFICATIONS**

**Green Certifications**  
• ENERGY STAR® 8.0  
• ErP Lot 3/7  
• RoHS compliant  
• TCO Certified 9.0

**Other Certifications**  
-

**SOFTWARE**

**Operating System**  
IGEL Linux (IGEL COSMOS Priority PAS 3-year)

**Bundled Software**  
None

**MODEL**

<b>TopSeller</b>	: Yes	<b>EAN / UPC / JAN:</b>	0198154355951
<b>Announce Date:</b>	2024-06-11	<b>End of Support</b>	: 2029-11-18

Note:  
<sup>[1]</sup> 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.  
<sup>[2]</sup> The max memory is based on the test results with current Lenovo memory offerings.  
<sup>[3]</sup> The max capacity of each disk type is based on the test results with current Lenovo storage offerings.  
<sup>[4]</sup> When work with TIO monitor, an appropriate power adapter is needed. Customer may need to: ? Order a Tiny for TIO MT (12LK, 12LK, 12M3, 12M4) models ? Or order an additional 90W power adapter. If original power adapter is less than 90W.  
<sup>[5]</sup> The system dimensions may vary depending on configurations.  
<sup>[6]</sup> 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.  
<sup>[7]</sup> Bluetooth 5.2 is hardware ready but may run at a lower version due to OS limitations.  
<sup>[8]</sup> Chassis intrusion switch is hardware ready function and needs to be special bid or manually enabled in BIOS.  
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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.

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Warranty Extensions & Upgrades - Service and protection that's right for your circumstances.

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  - Onsite Support
- Technician Installed Customer
  - Replaceable Unit Service
  - International Warranty Upgrade

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Recommended Accessories



Lenovo Wired VoIP Headset (Teams)  
4XD1M45626



Lenovo Legion M220 Wireless RGB Gaming Mouse  
GY51U28359

Please click [here](#) to view the full list of accessories.

Recommended Services

BEST	4Y Premier Support Upgrade from 3Y Onsite (5WS0T36207)
BETTER	3Y Premier Support Plus upgrade from 3Y Onsite (5WS1L39468)
GOOD	3Y Premier Support Upgrade from 3Y Onsite (5WS0U26647)



PSREF  
Product Specifications  
Reference