LENOVO NEO 50q 13HR001JSA

Lenovo ThinkCentre Neo 50q Gen 6 Tiny PC, Core Ultra 5 226V 4.5GHz, 16GB RAM, 512GB SSD, Win 11 Pro

Product Overview

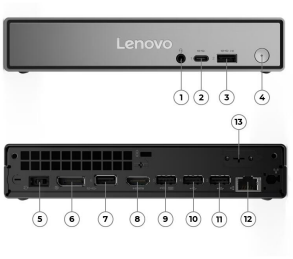
Lenovo ThinkCentre Neo 50q Gen 6 Tiny PC, Intel Core Ultra 5 226V Eight 8x Core Lunar Lake Turbo boost up to 4.5GHz 8MB Cache Processor with Intel ARC 130V Graphics (6 perfomance Cores & 8 low Power efficient Cores), 16GB soldered LPDDR5X-8533 Memory, 512GB M.2 PCI-e Solid State Drive, WiFi 6, Bluetooth, USB Keyboard & Mouse, Windows 11 Pro 64bit, 2Wx1 Speakers, 65W 89% Adapter Power Supply, USB-C (USB 10Gbps / USB 3.2 Gen 2) (Front), USB Type-A (USB 10Gbps / USB 3.2 Gen 2) (Front), 1x Headphone / Microphone Combo jack (3.5mm) (Front), USB Type-A, USB Type-A (USB 10Gbps / USB 3.2 Gen 2), 1x HDMI 2.1, 1x DisplayPort 1.4b, 1x Ethernet (GbE RJ-45)











1. headphone / microphone combo jack (3.5mm)	8. HDMI® 2.1 TMDS
2. USB-C® (USB 10Gbps), data transfer and 5V@3A charging	9. USB-A (Hi-Speed USB), with Smart Power On
3. USB-A (USB 10Gbps), Always On and 5V@2.1A charging	10. USB-A (Hi-Speed USB)
4. Power button	11. USB-A (USB 10Gbps)
5. Power-in	12. Ethernet (1GbE, RJ-45)
6. DisplayPort™ 1.4b	13. Punch out port*
7. USB-A (USB 10Gbps)	

Notes:
*1. Items with * are only available on selected models*

Specifications

Overview Summary:

The Lenovo ThinkCentre Neo 50q Gen 6 Tiny PC delivers powerful performance in an ultra-compact design, making it ideal for modern workspaces in South Africa. Equipped with an Intel Core Ultra 5 processor, 16GB memory, and a fast 512GB SSD, it ensures smooth multitasking and reliable speed for business, home office, or everyday computing. Its small footprint allows easy placement anywhere, while WiFi 6 and multiple connectivity ports keep you fully connected.

Preloaded with Windows 11 Pro, this compact desktop is ready for productivity straight out of the box. Whether you're upgrading your office setup or need a dependable PC for daily tasks, this system offers efficiency, durability, and performance in one sleek package. Buy now and streamline your workflow with a space-saving solution built for modern demands.

Performance tier: Mid-range business performance

Uses:office work, remote work, business applications, web browsing, multitasking, home office computing

Overview:

The Lenovo ThinkCentre Neo 50q Gen 6 Tiny PC is engineered for modern workspaces that demand efficiency, compact design, and reliable performance. Built around the latest Intel Core Ultra platform, this ultra-small desktop delivers strong multitasking capability while maintaining a minimal footprint. Its Tiny 1L form factor makes it ideal for offices with limited desk space or for mounting behind a monitor, creating a clean and clutter-free environment.

Description:

The ThinkCentre Neo 50q Gen 6 combines compact design with capable performance, making it suitable for business users, remote workers, and productivity-focused environments. Powered by an Intel Core Ultra 5 processor with integrated AI acceleration, it handles everyday workloads, multitasking, and light creative tasks with ease. Fast LPDDR5X memory and PCIe SSD storage ensure responsive performance, while WiFi 6 and multiple display outputs support modern connectivity needs. Its small size, low power consumption, and professional-grade features make it a practical solution for streamlined computing.

Features:

Compact Business Performance with AI Acceleration
At the core of this system is the Intel Core Ultra 5 226V processor, designed with a hybrid architecture to balance power and efficiency. With turbo speeds reaching up to 4.5GHz and integrated AI Boost delivering up to 40 TOPS, the system is

positioned as a capable entry into AI-enhanced productivity workflows.

The integrated Intel Arc 130V graphics provide sufficient performance for office applications, multimedia tasks, and multi-display setups without the need for a dedicated GPU.

Memory and Storage Configuration
This unit is equipped with high-speed memory and storage to ensure smooth day-to-day operation:

- 16GB LPDDR5X-8533 memory soldered directly onto the board for fast responsiveness
- 512GB M.2 PCIe 4.0 NVMe SSD for quick boot times and file access
- Supports a single SSD upgrade up to 1TB

The memory is fixed and not upgradeable, which is important for long-term planning.

Ultra-Small Form Factor Design
The Tiny 1L chassis is designed for flexibility and minimal space usage. It can be placed on a desk, mounted behind a display using VESA mounting, or integrated into tight work environments.

Key physical attributes include:

- Dimensions: approximately 179 x 182.9 x 34.5 mm
- Weight: around 1.1 kg
- Black professional finish
- Toolless chassis access for easier maintenance

Connectivity and Ports for Modern Workflows
Despite its small size, the system offers a wide range of connectivity options for peripherals and displays.

Front-facing connections:

- USB-C 10Gbps with data transfer and charging support
- USB-A 10Gbps with Always On charging
- 3.5mm headphone and microphone combo jack

Rear connectivity:

- 2x USB-A 2.0 ports (one supports Smart Power On)
- 2x USB-A 10Gbps ports
- HDMI 2.1 output
- DisplayPort 1.4b
- Gigabit Ethernet RJ-45
- Power input

Wireless connectivity includes WiFi 6 and Bluetooth 5.2 for stable and fast connections.

Security and Reliability for Business Use
Security is integrated at both hardware and physical levels, making it suitable for professional environments:

- Discrete TPM 2.0 security chip
- Kensington lock slot support
- Chassis intrusion detection

These features help protect sensitive data and ensure system integrity.

Energy Efficiency and Certifications
The system is designed with energy efficiency in mind, supported by:

- ENERGY STAR 9.0 certification
- RoHS compliance
- TCO Certified generation 10

A 65W high-efficiency power adapter contributes to lower energy consumption.

Operating System and Included Accessories
The device comes pre-installed with Windows 11 Pro, providing enterprise-level features and security enhancements. It also includes a USB keyboard and mouse, allowing immediate deployment in office environments.

Key Technical Summary

- Processor: Intel Core Ultra 5 226V, up to 4.5GHz
- Graphics: Integrated Intel Arc 130V
- Memory: 16GB LPDDR5X-8533 (soldered)
- Storage: 512GB PCIe 4.0 NVMe SSD
- Networking: WiFi 6, Bluetooth 5.2, Gigabit Ethernet
- Form factor: Tiny 1L desktop
- Operating system: Windows 11 Pro

For identification and ordering, the part number for this configuration is DTLE13HR001JSA.

Ideal Use Cases
This system is well suited for:

- Corporate office deployments
- Remote and hybrid work setups
- Digital signage or kiosk installations
- Space-constrained environments requiring reliable desktops

The ThinkCentre Neo 50q Gen 6 offers a practical balance between performance, size, and efficiency, making it a strong candidate for modern professional use.

Specifications:

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Specifications	
Product Code	LENOVO NEO 50q 13HR001JSA
ThinkCentre neo 50q Gen 6	
Model	13HR001JSA
PERFORMANCE	
Processor	Intel Core Ultra 5 226V, 8C (4P + 4LPE) / 8T, Max Turbo up to 4.5GHz, 8MB Intel Smart Cache
AI PC Category	Copilot+ PC
NPU	Integrated Intel AI Boost, up to 40 TOPS
Graphics	Integrated Intel Arc Graphics 130V
Chipset	Intel SoC Platform

Memory	16GB Soldered LPDDR5X-8533, MoP Memory
Memory Slots	Memory soldered to systemboard, no slots
Max Memory	16GB soldered LPDDR5X-8533 MoP, not upgradable
Storage	512GB SSD M.2 2280 PCIe 4.0x4 NVMe
Max Storage Support	One drive, up to 1TB M.2 2280 SSD
Card Reader	No card reader
Optical	None
Audio Chip	High Definition (HD) Audio
Speakers	2Wx1
Power Supply	65W 89% Adapter
DESIGN	
Keyboard	USB, Calliope, Black, English (EU)
Mouse	USB Calliope Mouse, Black
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	VESA Mount
Pen	Pen Not Supported
Form Factor	Tiny (1L)
Dimensions (WxDxH)	Tiny only (without rubber feet) , 179 x 182.9 x 34.5 mm (7.05 x 7.2 x 1.36 inches)
	Tiny only (with rubber feet) , 179 x 182.9 x 36.5 mm (7.05 x 7.2 x 1.44 inches)
Weight	Around 1.1 kg (2.43 lbs)
CONNECTIVITY	
WLAN + Bluetooth	Realtek Wi-Fi 6 RTL8852BE, 802.11ax 2x2 + BT5.2
WWAN	WWAN Not Supported
Ethernet	Integrated 100/1000M
Front Ports	1x USB-C (USB 10Gbps / USB 3.2 Gen 2), with data transfer and 5V@3A charging
	1x USB-A (USB 10Gbps / USB 3.2 Gen 2), with Always On and 5V@2.1A charging
	1x headphone / microphone combo jack (3.5mm)
Rear Ports	2x USB-A (Hi-Speed USB / USB 2.0), one supports Smart Power On
	2x USB-A (USB 10Gbps / USB 3.2 Gen 2)
	1x HDMI 2.1 TMDS
	1x DisplayPort 1.4b
	1x Ethernet (GbE RJ-45)
	1x Power connector

Optional Rear Ports (configured)	None
Monitor Cable	None
SECURITY & PRIVACY	
Security Chip	Discrete TPM 2.0, TCG certified, FIPS 140-2 certified
Physical Locks	Kensington Security Slot , 3 x 7 mm
Chassis Intrusion Switch	Chassis Intrusion Switch
CERTIFICATIONS	
Green Certifications	ENERGY STAR 9.0
	RoHS compliant
	TCO Certified, generation 10
SOFTWARE	
Operating System	Windows 11 Pro, English
Bundled Software	None
MODEL INFORMATION	
Model	13HR001JSA
Machine Type	13HR
Region	MEA
Country/Region	South Africa
TopSeller	Yes
EAN / UPC / JAN	199274675912
Announce Date	2026-02-13
End of Support	2032-08-09

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx.co.za/LENOVO-NEO-50q-13HR001JSA-Lenovo-ThinkCentre-Neo-50q-Gen-6-Tiny-PC-Core-Ultra-5-226V-p-337485.php

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