

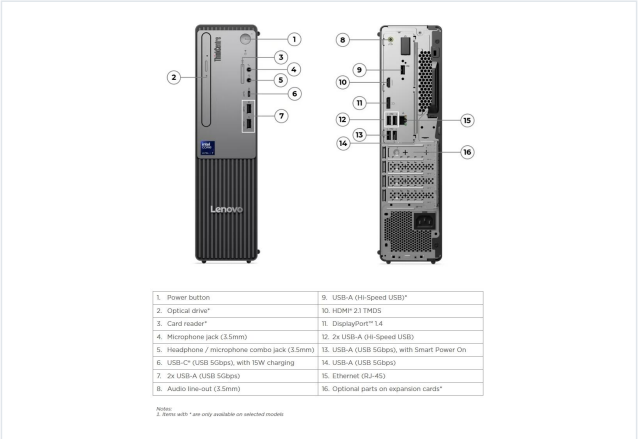
13DM0038SA

Lenovo ThinkCentre Neo 50s G6 SFF PC, Core Ultra 5 225 4.9GHz, 16GB RAM, 512GB SSD, Win 11 Pro

Product Overview

Lenovo ThinkCentre Neo 50s G6 SFF Desktop PC, Intel Core Ultra 5 225 Ten 10x Core Arrow Lake Turbo boost up to 4.9GHz 20MB Cache Processor with Intel Graphics (6 performance Cores & 4 efficient Cores), 16GB DDR5-5600 Memory, 512GB M.2 PCI-e Solid State Drive, WiFi 6, Bluetooth, USB Keyboard and Mouse, Windows 11 Pro, 1W x1 Speaker, 1x USB-C (USB 5Gbps / USB 3.2 Gen 1) (Front), with 15W charging, 2x USB Type-A (USB 5Gbps / USB 3.2 Gen 1) (Front), 1x Headphone / Microphone Combo jack (3.5mm) (Front), 1x Microphone (3.5mm) (Front), 2x USB Type-A (Hi-Speed USB / USB 2.0), 2x USB Type-A (USB 5Gbps / USB 3.2 Gen 1), One supports Smart Power on, 1x HDMI 2.1 TMDS, 1x DisplayPort 1.4, 1x Ethernet (RJ-45), 1x Line-Out (3.5mm), 13dm0035sa





Specifications

Overview Summary:

The Lenovo ThinkCentre Neo 50s G6 SFF desktop PC is a compact and efficient solution for modern workspaces in South Africa. Powered by an Intel Core Ultra 5 processor with up to 4.9GHz turbo boost, 16GB DDR5 memory, and a fast 512GB SSD, it delivers reliable performance for business applications, multitasking, and daily productivity. Its small form factor design saves space without compromising on essential connectivity, including HDMI, DisplayPort, USB-C, and WiFi 6E.

Built for professional environments, this desktop comes with Windows 11 Pro and advanced security features like TPM 2.0, making it ideal for office use or remote work setups. Whether you're upgrading your business systems or setting up a home office, this Lenovo desktop offers dependable performance and long-term value. Buy now and streamline your workflow with a trusted business-class PC.

Performance tier:Mid-range business desktop

Uses:Office work, business applications, remote work, multitasking, data processing, professional productivity

Overview:

The Lenovo ThinkCentre Neo 50s Gen 6 SFF desktop is engineered for modern business environments that demand reliable performance, efficient multitasking, and compact design. Built around the latest Intel Core Ultra 5 225 processor, this system balances power and energy efficiency with its hybrid core architecture, making it well suited for productivity workloads, office applications, and light content creation. Its small form factor ensures it fits seamlessly into space-constrained workstations without compromising expandability or connectivity.

Description:

Designed for professionals who need dependable computing in a streamlined footprint, the ThinkCentre Neo 50s Gen 6 delivers strong day-to-day performance with 10-core processing power, fast DDR5 memory, and high-speed NVMe storage. Integrated Intel graphics support essential visual tasks, while WiFi 6E and Bluetooth ensure fast and stable wireless connectivity. The system includes a versatile range of front and rear ports for easy device integration, along with built-in security features such as TPM 2.0 and chassis intrusion detection. Preloaded with Windows 11 Pro, it is ready for business deployment straight out of the box.

Features:

Performance and Processing Power

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At the core of this desktop is the Intel Core Ultra 5 225 processor, combining 6 performance cores and 4 efficient cores to handle multitasking workloads with ease. With turbo boost speeds reaching up to 4.9GHz and a 20MB cache, users can expect responsive performance across demanding applications.

Memory and storage are configured to keep workflows smooth and efficient:

- 16GB DDR5-5600 memory for fast multitasking
- Dual-channel capable with support for up to 64GB
- 512GB PCIe 4.0 NVMe SSD for rapid boot and load times

The system also allows for future expansion with support for multiple drives, making it adaptable as storage needs grow.

Compact Design with Practical Expandability

Housed in a sleek Raven Black chassis, the small form factor design (8.2L) is ideal for desks with limited space. Despite its size, it offers solid internal expansion options:

- One PCIe 4.0 x16 slot
- One PCIe 3.0 x1 slot
- Three M.2 slots for storage and wireless connectivity

Its compact footprint does not limit its ability to scale, making it suitable for evolving business requirements.

Connectivity and Port Selection

The ThinkCentre Neo 50s Gen 6 provides a comprehensive set of ports to support modern peripherals and displays.

Front-facing access includes:

- USB-C with 5Gbps transfer speed and 15W charging
- Two USB-A 5Gbps ports
- Headphone and microphone combo jack
- Dedicated microphone input

Rear connectivity offers:

- Four USB-A ports (including Smart Power On support)
- HDMI 2.1 and DisplayPort 1.4 for dual display setups
- Ethernet RJ-45 for stable wired networking
- Line-out audio jack

Wireless connectivity is handled by WiFi 6E and Bluetooth 5.3, ensuring fast and reliable communication.

Graphics and Visual Output

Integrated Intel graphics provide sufficient performance for business applications, media playback, and multi-monitor productivity setups. With HDMI 2.1 and DisplayPort 1.4 outputs, users can connect high-resolution displays with ease.

Security and Business Readiness

Security is built into the system at multiple levels, making it suitable for professional environments:

- TPM 2.0 security chip with FIPS 140-2 certification
- Kensington lock slot and padlock loop
- Chassis intrusion switch for added protection

These features help safeguard sensitive data and maintain system integrity.

System Details and Build Information

Key technical details are summarized below for quick reference:

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Product Specification Sheet

- Model: ThinkCentre Neo 50s Gen 6
- Part Number / SKU: DTLE13DM0038SA
- Machine Type: 13DM0038SA
- Operating System: Windows 11 Pro
- Form Factor: Small Form Factor (SFF)
- Dimensions: 92.5 x 291.7 x 339.5 mm
- Weight: Approximately 4.62 kg
- Power Supply: 200W high-efficiency unit

Audio and Everyday Usability

The system includes high-definition audio powered by a Realtek codec, supporting high-quality playback and recording. A built-in speaker ensures basic audio output, while external devices can be connected for enhanced sound.

Included Accessories

Out of the box, the desktop is ready for immediate use with:

- USB keyboard and mouse
- Expansion accessories including mounting kits for additional storage

Ideal Use Cases

This desktop is well suited for:

- Office productivity and business applications
- Remote work setups
- Educational environments
- Small to medium business deployments

Its balance of performance, compact design, and expandability makes it a practical choice for users seeking a dependable desktop solution with room to grow.

Specifications:

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Specifications	
Product Code	13DM0038SA
ThinkCentre neo 50s Gen 6	
Model	13DM0038SA
PERFORMANCE	
Processor	Intel Core Ultra 5 225, 10C (6P + 4E) / 10T, Max Turbo up to 4.9GHz, 20MB Intel Smart Cache
AI PC Category	AI PC
Graphics	Integrated Intel Graphics
Chipset	Intel B860 Chipset
Memory	1x 16GB UDIMM DDR5-5600
Memory Slots	Two DDR5 UDIMM slots, dual-channel capable
Max Memory	Up to 64GB DDR5-5600
Storage	512GB SSD M.2 2280 PCIe 4.0x4 NVMe

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Product Specification Sheet

Max Storage Support	Up to three drives, 1x 3.5" HDD + 2x M.2 SSD
	3.5" HDD up to 2TB
	M.2 SSD up to 1TB each
	To install a HDD storage, 3.5" HDD screw and grommet kit is needed.
Card Reader	3-in-1 Card Reader
Optical	None
Audio Chip	High Definition (HD) Audio, Realtek ALC623-CG codec
	24-bit DAC supports 44.1K/48K/96K sample rate, 2 channel DAC supports 16/20/24-bit PCM format for independent two stereo channel or 2.1 audio playback
	24-bit ADC supports 44.1K/48K/96K sample rate, 2 channel ADC supports 16/20/24-bit PCM format for independent two stereo channel audio inputs
Speakers	1Wx1
Power Supply	200W 90%
DESIGN	
Keyboard	USB, Calliope, Black, English (EU)
Mouse	USB Calliope Mouse, Black
Expansion Slots	One PCIe 4.0 x16, low-profile, length <= 155mm, height <= 70mm
	One PCIe 3.0 x1, low-profile, length <= 155mm, height <= 70mm
	Three M.2 slots (one for WLAN, two for SSD)
Case Color	Raven Black
Stand	None
Pen	Pen Not Supported
Form Factor	SFF (8.2L)
Dimensions (WxDxH)	92.5 x 291.7 x 339.5 mm (3.6 x 11.5 x 13.4 inches)
Weight	Around 4.62 kg (10.19 lbs)
CONNECTIVITY	
WLAN + Bluetooth	Intel Wi-Fi 6E AX211, 802.11ax 2x2 + BT5.3
WWAN	WWAN Not Supported
Ethernet	Integrated 100/1000M
Front Ports	1x USB-C (USB 5Gbps / USB 3.2 Gen 1), with 15W charging
	2x USB-A (USB 5Gbps / USB 3.2 Gen 1)
	1x headphone / microphone combo jack (3.5mm)
	1x microphone (3.5mm)

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Product Specification Sheet

Rear Ports	2x USB-A (Hi-Speed USB / USB 2.0)
	2x USB-A (USB 5Gbps / USB 3.2 Gen 1), one supports Smart Power On
	1x HDMI 2.1 TMDS
	1x DisplayPort 1.4
	1x Ethernet (RJ-45)
	1x line-out (3.5mm)
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
	Padlock Loop
Smart Cable Clip	None
Chassis Intrusion Switch	Chassis Intrusion Switch
Additional Security	None
MANAGEABILITY	
System Management	Non-vPro
CERTIFICATIONS	
Green Certifications	ENERGY STAR 9.0
	RoHS / WEEE / REACH
SOFTWARE	
Operating System	Windows 11 Pro, English
Bundled Software	None
ACCESSORIES	
Bundled Accessories	Slim ODD Bracket Kit + 3.5" HDD Screw and Grommet Kit
MODEL INFORMATION	
Model	13DM0038SA
Machine Type	13DM
Region	MEA
Country/Region	South Africa
TopSeller	Yes
EAN / UPC / JAN	199272613473
Announce Date	2025-09-09
End of Support	2032-04-09

Product Information Online

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

Product page: <https://www.comx.co.za/13DM0038SA-Lenovo-ThinkCentre-Neo-50s-G6-SFF-PC-Core-Buy-p-337541.php>

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