

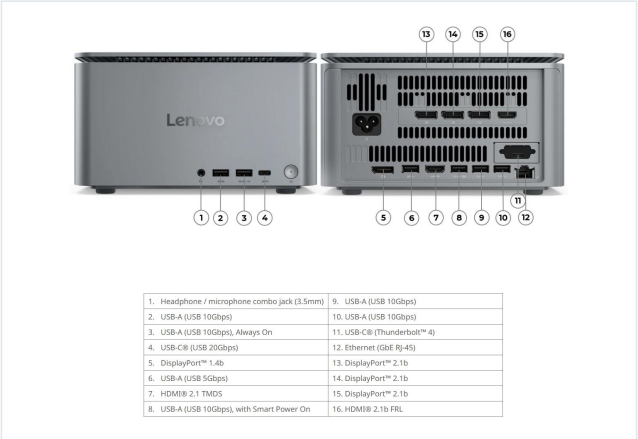
LENOVO NEO Ultra 13BG001ASA

Lenovo ThinkCentre Neo Ultra G2 Tiny Mini PC, Core Ultra 7 265 5.3GHz, 32GB RAM, 1TB SSD, RTX5060 8GB Graphics, Win 11 Pro

Product Overview

Lenovo ThinkCentre Neo Ultra G2 Tiny Mini PC, Intel Core Ultra 7 265 Twenty (20) Core Arrow Lake Turbo boost up to 5.3GHz 30MB Cache Processor with Intel Graphics (8 performance Cores & 12 efficient Cores), 32GB DDR5--5600 Memory, 1TB M.2 PCI-e Solid State Drive, 4x M.2 slots, RTX5060 8GB Graphics, Wi-Fi 7, Bluetooth, EOS Wireless Keyboard, Windows 11 Pro 64bit, 2Wx1 Speakers, 350W 92% Power Supply, 1x USB-C (USB 20Gbps / USB 3.2 Gen 2x2) (Front), 2x USB Type-A (USB 10Gbps / USB 3.2 Gen 2) (Front), 1x Headphone / Microphone Combo jack (3.5mm) (Front), 1x Thunderbolt 4 / USB4 40Gbps, 1x USB Type-A (USB 5Gbps / USB 3.2 Gen 1), 3x USB Type-A (USB 10Gbps / USB 3.2 Gen 2), 1x HDMI 2.1, 1x HDMI 2.1b, 1x DisplayPort 1.4b, 3x DisplayPort 2.1b, Gigabit Ethernet RJ-45





Specifications

Overview Summary:

The Lenovo ThinkCentre Neo Ultra G2 combines an Intel Core Ultra 7 265 processor, NVIDIA GeForce RTX 5060 8GB graphics, 32GB DDR5 memory and a fast 1TB PCIe 4.0 NVMe SSD in a compact 3.6L desktop. With Windows 11 Pro, Wi-Fi 7 and extensive display and connectivity options, it is built for demanding professional and creative workloads.

Ideal for buyers in South Africa seeking powerful desktop performance without a large footprint, this compact Lenovo PC delivers a strong combination of processing, graphics and upgrade potential. Buy now or shop now for a capable workstation and performance-focused desktop.

Performance tier:High-performance

Uses:Gaming, content creation, video editing, graphic design, AI workloads, professional applications, business productivity, workstation computing

Overview:

ThinkCentre Neo Ultra Gen 2

The Lenovo ThinkCentre Neo Ultra Gen 2 is a compact yet powerful mini PC designed for professional users who need high desktop performance without the footprint of a traditional tower. It combines a 20-core Intel Core Ultra 7 processor, 32GB DDR5 memory, a fast 1TB PCIe 4.0 NVMe SSD and dedicated NVIDIA GeForce RTX 5060 graphics in a Luna Grey chassis. With Windows 11 Pro, Wi-Fi 7, Thunderbolt 4, multiple DisplayPort and HDMI connections, and Gigabit Ethernet, this system is well suited to demanding office workloads, content creation, multitasking and graphics-intensive applications.

Description:

Built for users who need serious processing and graphics power in a small form factor, the Lenovo ThinkCentre Neo Ultra Gen 2 delivers an impressive combination of performance, connectivity and expandability. The Intel Core Ultra 7 265 features 20 cores and 20 threads, with 8 performance cores and 12 efficiency cores, reaching speeds of up to 5.3GHz. This makes the system capable of handling demanding multitasking, productivity applications and professional workloads with ease.

The dedicated NVIDIA GeForce RTX 5060 with 8GB GDDR7 graphics memory provides substantial GPU performance for graphics-intensive applications, creative work and other demanding workloads. The system also includes 32GB of DDR5-5600 memory and a 1TB M.2 PCIe 4.0 NVMe SSD for responsive application loading, fast file access and ample everyday storage.

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The compact ThinkCentre Neo Ultra Gen 2 is also designed with connectivity in mind. With Thunderbolt 4, USB-C, multiple USB Type-A ports, HDMI, DisplayPort and Gigabit Ethernet, it can support a wide range of peripherals and professional displays. Wi-Fi 7 and Bluetooth provide modern wireless connectivity, while the included wireless keyboard adds convenience to the desktop setup.

Features:

Powerful Intel Core Ultra 7 Processing

At the heart of the Lenovo Neo Ultra Gen 2 is the Intel Core Ultra 7 265 processor. Its 20-core design combines 8 performance cores with 12 efficiency cores, allowing the system to balance demanding workloads with everyday tasks efficiently.

- Intel Core Ultra 7 265 processor
- 20 cores and 20 threads
- 8 Performance cores + 12 Efficiency cores
- Up to 5.3GHz Max Turbo frequency
- 30MB Intel Smart Cache

RTX 5060 Graphics for Demanding Workloads

The NVIDIA GeForce RTX 5060 delivers dedicated graphics performance with 8GB of GDDR7 memory. This makes the Neo Ultra Gen 2 a strong choice for users working with graphics-heavy applications, creative software and other GPU-intensive tasks where integrated graphics may not be sufficient.

32GB DDR5 Memory and Fast NVMe Storage

The system comes equipped with 32GB DDR5-5600 memory, providing a strong foundation for multitasking and demanding applications. A 1TB M.2 2280 PCIe 4.0x4 NVMe SSD provides fast storage performance and quick access to frequently used applications and files.

The system also provides 4x M.2 slots, giving the platform additional storage and expansion potential.

Extensive Display and USB Connectivity

Despite its compact size, the Lenovo ThinkCentre Neo Ultra Gen 2 offers a broad selection of connection options for modern desktops, multiple displays and peripherals.

- 1x USB-C, USB 20Gbps / USB 3.2 Gen 2x2, front
- 2x USB Type-A, USB 10Gbps / USB 3.2 Gen 2, front
- 1x Thunderbolt 4 / USB4 40Gbps
- 1x USB Type-A, USB 5Gbps / USB 3.2 Gen 1
- 3x USB Type-A, USB 10Gbps / USB 3.2 Gen 2
- 1x HDMI 2.1
- 1x HDMI 2.1b
- 1x DisplayPort 1.4b
- 3x DisplayPort 2.1b
- 1x 3.5mm headphone/microphone combo jack
- 1x Gigabit Ethernet RJ-45

Modern Wireless Connectivity

Wi-Fi 7 provides high-speed wireless networking for compatible networks, while Bluetooth supports wireless accessories such as keyboards, mice and other peripherals. Gigabit Ethernet is also available when a wired network connection is preferred.

Windows 11 Pro for Professional Use

Windows 11 Pro provides a professional operating environment suitable for business users, advanced productivity and workstation-style applications. The system is supplied with Windows 11 Pro 64-bit in English.

Compact Design with High Performance

Finished in Luna Grey, the ThinkCentre Neo Ultra Gen 2 combines a compact desktop form factor with hardware normally associated with much larger PCs. The 350W 92% power supply is designed to support the system's high-performance processor and dedicated NVIDIA graphics while maintaining an efficient desktop setup.

Key System Details

- Model: ThinkCentre Neo Ultra Gen 2
- Model number: 13BG001ASA
- Part Number / SKU: LENOVO NEO Ultra 13BG001ASA
- Processor: Intel Core Ultra 7 265
- Memory: 32GB DDR5-5600
- Storage: 1TB M.2 2280 PCIe 4.0x4 NVMe Opal 2.0 SSD
- Graphics: NVIDIA GeForce RTX 5060 8GB GDDR7
- Operating system: Windows 11 Pro 64-bit, English
- Wireless: Wi-Fi 7 and Bluetooth
- Keyboard: EOS Wireless Keyboard
- Speakers: 2W x1
- Power supply: 350W, 92% efficiency
- Case colour: Luna Grey

Who Is the Lenovo ThinkCentre Neo Ultra Gen 2 For

This compact Lenovo desktop is a practical choice for professionals, advanced home users, creators and businesses that need strong processing and dedicated graphics performance without moving to a large desktop tower. Its combination of Intel Core Ultra processing, RTX 5060 graphics, generous memory, fast NVMe storage and extensive connectivity makes it suitable for demanding multitasking, productivity, creative applications, multi-monitor setups and graphics-intensive workloads.

Specifications:

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Specifications	
Product Code	LENOVO NEO Ultra 13BG001ASA
ThinkCentre neo Ultra Gen 2	
Model	13BG001ASA
PERFORMANCE	
Processor	Intel Core Ultra 7 265, 20C (8P + 12E) / 20T, Max Turbo up to 5.3GHz, 30MB Intel Smart Cache
AI PC Category	AI PC
NPU	Integrated Intel AI Boost, up to 13 TOPS + Discrete NPU Card, up to 30 TOPS
Graphics	NVIDIA GeForce RTX 5060 8GB GDDR7
Chipset	Intel Q870 Chipset
Memory	1x 32GB SODIMM DDR5-5600
Memory Slots	Two DDR5 SODIMM slots, dual-channel capable
Max Memory	Up to 64GB DDR5-5600

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Storage	1TB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
Max Storage Support	Up to four drives, 4x M.2 SSD M.2 SSD up to 2TB each
RAID Preset	None
Card Reader	No card reader
Optical	None
Audio Chip	High Definition (HD) Audio, one of Realtek ALC233VB / Realtek ALC256 / Conexant CX11771 codec.
Speakers	2Wx1
Power Supply	350W 92%
DESIGN	
Keyboard	EOS Wireless Keyboard, Black, English (EU)
Mouse	Wireless EOS Mouse, black
Expansion Slots	Five M.2 slots (one for WLAN, four for SSD / discrete NPU)
Case Color	Luna Grey
Pen	Pen Not Supported
Form Factor	Tiny (3.6L)
Dimensions (WxDxH)	Ultra (without rubber feet) , 195 x 191 x 108 mm (7.68 x 7.52 x 4.25 inches)
	Ultra (with rubber feet) , 195 x 191 x 111 mm (7.68 x 7.52 x 4.37 inches)
Weight	Around 3.7 kg (8.2 lbs)
CONNECTIVITY	
WLAN + Bluetooth	Intel Wi-Fi 7 BE200, 802.11be 2x2 + BT5.4, vPro
WWAN	WWAN Not Supported
Ethernet	Integrated 100/1000M
Front Ports	1x USB-C (USB 20Gbps / USB 3.2 Gen 2x2), with data transfer and 5V@3A charging
	2x USB-A (USB 10Gbps / USB 3.2 Gen 2), one supports 5V@2.1A charging
	1x headphone / microphone combo jack (3.5mm)
Rear Ports	1x Thunderbolt 4 / USB4 40Gbps (support data transfer and DisplayPort 1.4b)
	1x USB-A (USB 5Gbps / USB 3.2 Gen 1)
	3x USB-A (USB 10Gbps / USB 3.2 Gen 2), one supports Smart Power On
	1x HDMI 2.1 TMDS
	1x HDMI 2.1b FRL
	1x DisplayPort 1.4b
	3x DisplayPort 2.1b
	1x Ethernet (GbE RJ-45)
Optional Rear Ports (configured)	Thunderbolt 4
	3x DP 2.1b, 1x HDMI 2.1b FRL on NVIDIA GeForce RTX 5060
SECURITY & PRIVACY	

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Security Chip	Discrete TPM 2.0, TCG certified, FIPS 140-2 certified
Fingerprint Reader	No fingerprint reader
Physical Locks	Kensington Security Slot
MANAGEABILITY	
System Management	Intel vPro Enterprise
CERTIFICATIONS	
Green Certifications	ENERGY STAR 9.0
	ErP Lot 3
	GREENGUARD
	RoHS compliant
	TCO Certified, generation 10
Other Certifications	TÜV Rheinland Low Noise
SOFTWARE	
Operating System	Windows 11 Pro, English
Bundled Software	None
ACCESSORIES	
Bundled Accessories	None
MODEL INFORMATION	
Model	13BG001ASA
Machine Type	13BG
Region	MEA
Country/Region	South Africa
TopSeller	Yes
EAN / UPC / JAN	199272281269
Announce Date	2025-09-04
End of Support	2032-01-10
Note	

Product Information Online

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

Product page:

<https://www.comx-computers.co.za/LENOVO-NEO-Ultra-13BG001ASA-Lenovo-ThinkCentre-Neo-Buy-p-339886.php>

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