ComX Computers
Product Specification Sheet

NBLE21UR0048ZA

Lenovo ThinkBook 16 G9 IPL Core Ultra 3 Notebook Ultra 5 325 4.5GHz 16GB 512GB 16" WUXGA Intel Graphics BT Win 11 Pro

Product Overview

Lenovo ThinkBook 16 G9 IPL Series Core Ultra Series 3 NBLE21UR0048ZA Arctic Grey Notebook, Intel Core Ultra 5 325 Series 3 Eight (8) Core Panther Lake Turbo Boost up to 4.5GHz 12MB L3 Cache Processor (4 Perfomance Cores & 4 Low Power Efficient Cores), 16GB DDR5-5600 SO-Dimm Memory (1x16GB), Supports 64GB Max Mem, 2 Memory slots, 512GB SSD Solid State Hard Drive PCIe, M.2 2280 slot, NO optical drive (No CD), 16" WUXGA (1920 x 1200 resolution) Non Gloss Type IPS, 400nits LED Backlit Display, Intel Graphics, Intel NPU Peak 47 TOPS, Wi-Fi 7, 10/100/1000 Gigabit Ethernet LAN, Bluetooth, Webcam, Fingerprint Reader, Full Size Keyboard with Numpad, 2x USB-A (USB 5Gbps), 2x Thunderbolt 4 with USB PD 45-65W / DisplayPort, HDMI output, SD Card Reader, Kensington Nano Lock Slot, 1.7 kg, Microsoft Windows 11 Professional 64 bit, 3 Year Carry in warranty











1. Thunderbolt™ 4	6. SD card reader
2. USB-A (USB 5Gbps), Always On	7. USB-A (USB 5Gbps)
3. HDMI®	8. Ethernet (RJ-45)
4. Thunderbolt™ 4	9. Kensington Nano Security Slot™
5. Headphone / microphone combo jack (3.5mm)	

Specifications

Summary Overview:

Upgrade your workflow with the Lenovo ThinkBook 16 G9 IPL, a powerful Copilot+ PC designed for professionals in South Africa. Featuring an Intel Core Ultra 5 processor and dedicated AI capabilities, this Arctic Grey notebook delivers seamless performance for demanding business tasks while running Windows 11 Pro.

Equipped with a bright 16-inch WUXGA display and comprehensive connectivity including Wi-Fi 7 and Thunderbolt 4, it is the ideal companion for work or study. Secure your high-performance laptop today by buying now to experience reliable productivity on the go.

Laptop performance tier: Business

Uses: Office tasks, multitasking, video conferencing, data analysis

Overview:

Welcome to the future of productivity with the Lenovo ThinkBook 16 G9 IPL Series. This premium notebook is engineered for professionals who demand reliability, speed, and a seamless workflow. Powered by the latest Intel Core Ultra 5 processor from the Panther Lake lineup, this machine delivers exceptional performance through its unique architecture of eight cores designed to balance high-speed tasks with energy efficiency. Whether you are managing complex spreadsheets, running multiple virtual machines, or engaging in heavy multitasking, the 16-inch WUXGA display ensures your work looks crisp and vibrant with a bright 400-nit panel that handles glare effectively.

The ThinkBook 16 G9 is not just about raw power; it is built for the modern AI era. Equipped with an Intel NPU capable of up to 47 TOPS, this laptop qualifies as a Copilot+ PC, enabling advanced on-device artificial intelligence capabilities that enhance your daily computing experience. The sleek Arctic Grey chassis combines durability with style, featuring a premium aluminium top and robust construction that has passed rigorous MIL-STD-810H military testing. With a full-size keyboard including a numpad, a large precision touchpad, and comprehensive security options like a fingerprint reader integrated into the power button and an IR camera for facial recognition, you get a secure and comfortable typing environment.

Description

The Lenovo ThinkBook 16 G9 IPL Series (Part Number NBLE21UR0048ZA) is a high-performance business notebook designed to elevate your workflow with cutting-edge technology. This device integrates the powerful Intel Core Ultra 5 processor and an advanced AI engine, making it ideal for professionals who require speed and intelligence in one portable package.

Key Benefits:

- Experience lightning-fast performance with the Intel Core Ultra 5 325 Series 3 processor featuring a hybrid architecture of performance and efficient cores.

- Enhance your productivity with built-in AI capabilities powered by a high-speed NPU, qualifying this machine as a Copilot+ PC for smarter computing tasks.
- Enjoy stunning visuals on the 16-inch WUXGA IPS display with anti-glare coating, providing sharp clarity and color accuracy even in bright environments.
- Maintain security and privacy with integrated biometric logins via fingerprint reader and Windows Hello facial recognition, alongside a physical camera shutter.
- Stay connected effortlessly with the latest Wi-Fi 7 connectivity and Thunderbolt 4 ports for rapid data transfer and versatile docking options.

Features:

Key Features

This laptop combines robust hardware with modern conveniences to ensure you are always ready for business. The system comes pre-loaded with Windows 11 Professional, giving you access to enterprise-grade tools and security features right out of the box. The memory configuration includes a high-speed 16GB DDR5 module that supports expansion up to 64GB across two slots, ensuring your applications run smoothly without bottlenecks.

- Processor: Intel Core Ultra 5 325 with 8 cores (4 Performance + 4 Low Power Efficient) and a turbo boost up to 4.5GHz
- Display: 16-inch WUXGA (1920 x 1200) IPS panel, 400 nits brightness, anti-glare finish
- Memory: 1x 16GB DDR5-5600 SO-DIMM (expandable to 64GB)
- Storage: 512GB PCIe NVMe SSD with support for a second M.2 drive up to 2TB
- Connectivity: Wi-Fi 7, Bluetooth 5.4, and Gigabit Ethernet LAN
- Ports: 2x Thunderbolt 4, 2x USB-A (USB 5Gbps), HDMI 2.1, SD Card Reader, RJ-45, and audio combo jack
- Battery & Power: 48Wh battery with a 65W USB-C power adapter included

The ThinkBook 16 G9 is designed to move with you, weighing in at a manageable 1.7 kg while maintaining a sturdy build quality that meets military-grade standards for durability. The device features a modern standby capability, allowing it to wake instantly from sleep mode so you never lose your place. Connectivity options are plentiful, including the latest Wi-Fi 7 standard for faster wireless speeds and lower latency compared to previous generations. For those who need wired connections, the built-in Gigabit Ethernet port ensures stable internet access in environments where wireless signals might be unreliable.

What's in the box

- Lenovo ThinkBook 16 G9 IPL Notebook (Arctic Grey)
- 65W USB-C Power Adapter
- Power Cord
- Documentation and Safety Sheets

The model number for this specific configuration is NBLE21UR0048ZA, which corresponds to the 21UR0048ZA variant. This region-specific model is optimized for the South African market and includes English (US/UK) language support on Windows 11 Pro. The system also carries EPEAT Gold registration and TCO Certified credentials, reflecting Lenovo's commitment to environmental sustainability and energy efficiency.

Specifications:

ThinkBook 16 Gen 9	
Model	21UR0048ZA
PERFORMANCE	
Processor	Intel Core Ultra 5 325, 8C (4P + 4LPE) / 8T, Max Turbo up to 4.5GHz, 12MB Intel Smart Cache
AI PC Category	Copilot+ PC
NPU	Up to 47 TOPS
Graphics	Integrated Intel Graphics
Chipset	Intel SoC Platform

Memory	1x 16GB SODIMM DDR5-5600
Memory Slots	Two DDR5 SODIMM slots, dual-channel capable
Max Memory	Up to 64GB DDR5-5600
Storage	512GB SSD M.2 2242 PCIe 4.0x4 NVMe
Storage Slot	Two M.2 slots One M.2 2242 PCIe 4.0 x4 slot One M.2 2280 PCIe 4.0 x4 slot
Max Storage Support	Up to two drives, 2x M.2 SSD M.2 2242 SSD up to 2TB M.2 2280 SSD up to 2TB
Card Reader	SD Card Reader
Audio Chip	High Definition (HD) Audio, Realtek ALC3287 codec
Speakers	Stereo speakers, 2W x2, Dolby Audio
Microphone	2x, Array
Camera	FHD 1080p + IR Hybrid with Privacy Shutter
Battery	48Wh
Power Adapter	65W USB-C (3-pin)
Special Features	Modern Standby
DESIGN	
Display	16" WUXGA (1920x1200) IPS 400nits Anti-glare, 45% NTSC, 60Hz
Touchscreen	None
Screen-to-Body Ratio	90%
Color Calibration	No Color Calibration
Pen	Pen Not Supported
Keyboard	Non-backlit, English (EU)
Touchpad	Buttonless Mylar surface multi-touch touchpad, supports Precision TouchPad (PTP), 75 x 120 mm (2.95 x 4.72 inches)
Dimensions (WxDxH)	356 x 253.5 x 17.5 mm (14.01 x 9.98 x 0.69 inches)
Weight	Starting at 1.7 kg (3.75 lbs)
Case Color	Arctic Grey
Case Material	Aluminium (Top), PC-ABS (Bottom)
Surface Treatment	Anodizing Sandblasting (Top), Texture (Bottom)
SOFTWARE	
Operating System	Windows 11 Pro, English (US) / English (UK)
Bundled Software	Office Trial
CONNECTIVITY	
WLAN + Bluetooth	Wi-Fi 7, 802.11be 2x2 + BT5.4
WWAN	WWAN Not Supported
Ethernet	100/1000M (RJ-45)

Standard Ports	1x USB-A (USB 5Gbps), Always On
	1x USB-A (USB 5Gbps)
	2x Thunderbolt 4, with USB PD 45-65W and DisplayPort 2.1
	1x HDMI 2.1, up to 4K/60Hz
	1x Headphone / microphone combo jack (3.5mm)
	1x Ethernet (RJ-45)
	1x SD card reader
Docking	Various docking solutions supported via Thunderbolt / USB-C. For more compatible docking solutions, please visit Docking for ThinkBook 16 G9 IPL
SECURITY & PRIVACY	
Security Chip	Discrete TPM 2.0 Enabled
Physical Locks	Kensington Nano Security Slot , 2.5 x 6 mm
Fingerprint Reader	Touch Style, Match-on-Chip, Integrated in Power Button
Other Security	Camera privacy shutter
	IR camera for Windows Hello (facial recognition)
MANAGEABILITY	
System Management	Non-vPro
ACCESSORIES	
Bundled Accessories	None
CERTIFICATIONS	
Green Certifications	ENERGY STAR 9.0
	EPEAT 1.0 Gold Registered
	ErP Lot 6/26
	RoHS compliant
	TCO Certified, generation 10
Mil-Spec Test	MIL-STD-810H military test passed
Other Certifications	TÜV Rheinland Low Blue Light (Software Solution)
MODEL INFORMATION	
Model	21UR0048ZA
Machine Type	21UR
Region	MEA
Country/Region	South Africa
TopSeller	Yes
EAN / UPC / JAN	199273823703
Announce Date	2026-01-23
End of Support	2032-08-26
Note	

FAQ

What is the maximum memory capacity this Lenovo ThinkBook 16 G9 supports?

The laptop comes with one installed 16GB DDR5-5600 SO-DIMM module and features two memory slots, allowing for a maximum upgrade to 64GB of RAM.

Does this notebook include an optical drive or support a stylus pen?

No, the device does not have an optical (CD) drive. Additionally, the display is non-touch and does not support a digital pen input.

What connectivity options are available for connecting external monitors or peripherals?

The system includes two Thunderbolt 4 ports that support USB PD charging up to 65W and DisplayPort 2.1, an HDMI 2.1 output capable of 4K resolution, a standard Gigabit Ethernet port, and Wi-Fi 7 for wireless connectivity.

Is the Lenovo ThinkBook 16 G9 suitable for secure business environments?

Yes, it includes a discrete TPM 2.0 security chip, a Kensington Nano Lock Slot, an integrated fingerprint reader in the power button, and a physical privacy shutter for the FHD webcam to ensure data and visual security.

Product Information Online

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

Product page: https://comx-computers.co.za/Buy-Notebooks-Laptops-NBLE21UR0048ZA-Lenovo-ThinkBook-lp-340807.php

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