ComX Computers
Product Specification Sheet

21X8003JZA

Lenovo Thinkpad L16 gen3 Core Ultra 3 Notebook Ultra 5 325 4.5GHz 16GB 1TB 16" WUXGA Intel Graphics BT 3G Win 11 Pro

Product Overview

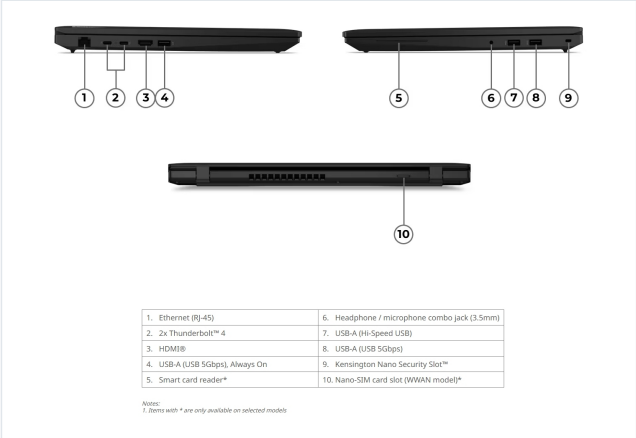
Lenovo Thinkpad L16 gen3 Series Core Ultra Series 3 21X8003JZA Black Notebook, Intel Core Ultra 5 325 Series 3 Eight (8) Core Panther Lake Turbo Boost up to 4.5GHz 12MB L3 Cache Processor (4 Perfomance Cores & 4 Low Power Efficient Cores), 16GB DDR5-5600 SO-Dimm Memory (1x16GB), Supports 64GB Max Mem, 2 Memory slots, 1TB 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, Built in 4G (LTE), Webcam, 3 Cell Battery, Fingerprint Reader, Backlit Keyboard, Full Size Keyboard with Numpad, 1x USB-A (Hi-Speed USB), 2x USB-A (USB 5Gbps), 2x Thunderbolt 4 with USB PD 15-65W / DisplayPort, HDMI output, Kensington Nano Security Slot, 1.9 kg, Microsoft Windows 11 Professional 64 bit, 3 Year On-site warranty











1. Ethernet (RJ-45)	6. Headphone / microphone combo jack (3.5mm)
2. 2x Thunderbolt™ 4	7. USB-A (Hi-Speed USB)
3. HDMI®	8. USB-A (USB 5Gbps)
4. USB-A (USB 5Gbps), Always On	9. Kensington Nano Security Slot™
5. Smart card reader*	10. Nano-SIM card slot (WWAN model)*

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

Specifications

Summary Overview:

Upgrade your workflow with the powerful Lenovo ThinkPad L16 Gen 3, featuring the latest Intel Core Ultra 5 processor and advanced AI capabilities. This robust business notebook is tailored for professionals in South Africa who demand reliability, performance, and seamless connectivity with built-in 4G LTE and Wi-Fi 7. With its durable design, long battery life, and a stunning 16-inch display, this laptop is the ideal choice for demanding tasks and on-the-go productivity.

Secure your high-performance machine today by buying now to ensure you get top-tier features like Windows 11 Pro and ample storage. Don't miss out on this premium device designed to elevate your work efficiency.

Laptop performance tier: High-Performance Business

Uses: Professional work, AI tasks, multitasking, business travel, remote work

Overview:

The Lenovo ThinkPad L16 Gen 3 (Part Number 21X8003JZA) is a powerful business laptop designed for professionals who demand reliability and performance. Powered by the latest Intel Core Ultra 5 processor, this machine delivers exceptional speed with up to four performance cores and an integrated NPU for advanced AI tasks. The 16-inch WUXGA display offers crisp visuals with high brightness, while built-in 4G LTE connectivity ensures you stay productive anywhere. With Windows 11 Pro pre-installed, robust security features like a fingerprint reader and privacy shutter, and a comprehensive array of ports including Thunderbolt 4, this notebook is ready for demanding workflows.

The Lenovo ThinkPad L16 Gen 3 Series represents the pinnacle of modern business computing, blending durability with cutting-edge technology. At its heart lies the Intel Core Ultra 5 325 processor, a sophisticated chip featuring eight cores that balance performance and efficiency to handle multitasking with ease. Whether you are managing complex spreadsheets or running data-intensive applications, this notebook delivers consistent speed thanks to its 16GB of fast DDR5 memory and rapid 1TB SSD storage. The system is designed for longevity and flexibility, allowing users to expand memory up to 64GB via two accessible slots without voiding any structural integrity.

Visual clarity is a priority on this device, featuring a 16-inch WUXGA IPS panel that provides a resolution of 1920 by 1200 pixels. The screen is engineered for professional environments with an anti-glare coating and a brightness level of 400 nits, ensuring visibility even in well-lit offices or near windows. Beyond the display, the laptop includes a comprehensive suite of connectivity options that eliminate the need for dongles. Users benefit from Wi-Fi 7 support for ultra-fast wireless speeds, along with built-in 4G LTE capabilities and Bluetooth integration for seamless peripheral connections.

Features:

Key Specifications

- Processor: Intel Core Ultra 5 325 (8 Cores, up to 4.5GHz Turbo Boost)

- Memory: 16GB DDR5-5600 SO-DIMM (Expandable to 64GB via 2 slots)
- Storage: 1TB PCIe M.2 SSD (Supports up to 2TB total)
- Display: 16-inch WUXGA (1920x1200) IPS, 400 nits, Anti-glare
- Connectivity: Wi-Fi 7, Bluetooth 5.4, 4G LTE, Gigabit Ethernet
- Ports: 2x Thunderbolt 4, 3x USB-A (including one Always On), HDMI 2.1, Headphone/Mic Jack
- Security: Fingerprint Reader, TPM 2.0, Camera Privacy Shutter, Windows Hello IR Camera
- Battery: 3-Cell 46.5Wh with rapid charging support

The ThinkPad L16 Gen 3 is built to withstand the rigors of daily business use and travel. It has passed rigorous MIL-STD-810H military testing, ensuring resilience against drops, vibrations, and extreme temperatures. The chassis is crafted from durable PC-ABS materials and finished in a professional black color that resists fingerprints and maintains a sleek appearance. For enhanced security, the laptop includes a Kensington Nano Security Slot to physically anchor the device in public spaces or shared offices.

Communication and collaboration are made easier with high-quality audio and video hardware. The system features stereo speakers optimized for Dolby Atmos sound, ensuring clear audio during media playback or conference calls. Two array microphones work together to filter out background noise, while the 5.0-megapixel webcam includes a discrete privacy shutter and infrared sensor for secure facial recognition login via Windows Hello.

What's in the Box

- Lenovo ThinkPad L16 Gen 3 Notebook (Model 21X8003JZA)
- 65W USB-C Power Adapter with 3-pin connector
- User Documentation and Safety Guides

This notebook runs Microsoft Windows 11 Professional 64-bit, providing enterprise-grade security features and management tools out of the box. The operating system is optimized for productivity and integrates seamlessly with cloud services and business applications. Additionally, the device supports ThinkShield security solutions, offering a comprehensive layer of protection across hardware, software, and supply chain components to keep your data safe from evolving digital threats.

The connectivity suite on this model is particularly robust, featuring the latest Wi-Fi 7 standard for maximum throughput and low latency. It also includes an embedded eSIM for cellular connectivity via the Snapdragon X12 LTE modem, allowing users to connect to mobile networks without needing a physical SIM card tray. For wired connections, there is a dedicated Gigabit Ethernet port, ensuring stable internet access in locations where Wi-Fi may be unreliable.

Input and interaction are handled by a full-size backlit keyboard that includes a numeric keypad for efficient data entry. The layout is designed for comfort during long typing sessions, with a trackpad that supports multi-touch gestures. Power management is streamlined through the 65W USB-C adapter, which can charge the device via the Thunderbolt ports, offering flexibility in how you power up on the go.

The Lenovo ThinkPad L16 Gen 3 also adheres to strict environmental standards, holding certifications such as ENERGY STAR 9.0 and EPEAT Gold registration. This commitment to sustainability ensures that the device meets high benchmarks for energy efficiency and reduced environmental impact throughout its lifecycle. The system is designed to operate quietly and efficiently, making it suitable for quiet office environments or shared workspaces.

With a starting weight of approximately 1.9 kg, this laptop strikes a balance between portability and build quality. Its dimensions allow it to fit easily into standard backpacks and briefcases while maintaining the structural rigidity required for daily transport. The combination of a powerful processor, generous memory options, and a high-quality display makes this model an ideal choice for professionals who need a reliable tool for their workflow.

Whether you are managing complex projects or working remotely, the Lenovo ThinkPad L16 Gen 3 offers the performance and reliability needed to succeed. The inclusion of advanced security features like the fingerprint reader and physical camera shutter ensures that your sensitive information remains protected at all times. This model stands as a testament to Lenovo's legacy in creating durable and high-performing business machines.

Specifications:

ThinkPad L16 Gen 3 (Intel)	
Model	21X8003JZA

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	1TB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
Storage Slot	One M.2 2280 PCIe 4.0 x4 slot
Max Storage Support	One drive, up to 2TB M.2 2280 SSD
Card Reader	No Card Reader
Audio Chip	High Definition (HD) Audio, Realtek ALC3287 codec
Speakers	Stereo speakers, 2W x2, optimized with Dolby Atmos
Microphone	2x, Array
Camera	5.0MP + IR Discrete with Privacy Shutter
Battery	46.5Wh
Power Adapter	65W USB-C (3-pin)
DESIGN	
Display	16" WUXGA (1920x1200) IPS 400nits Anti-glare, 45% NTSC, 60Hz
Touchscreen	None
Screen-to-Body Ratio	87%
Pen	Pen Not Supported
Keyboard	Backlit, English (EU)
Dimensions (WxDxH)	357.2 x 253.4 x 10.96/19.57 (front/rear), 24.75(maximum) mm , 14.06 x 9.98 x 0.43/0.77 (front/rear), 0.97 (maximum) inches
Weight	Starting at 1.852 kg (4.083 lbs)
Case Color	Black
Case Material	PC-ABS (Top), PC-ABS (Bottom)
SOFTWARE	
Operating System	Windows 11 Pro, English (US) / English (UK)
Bundled Software	None
CONNECTIVITY	
WLAN + Bluetooth	Intel Wi-Fi 7 BE213, 802.11be 2x2 + BT5.4
WWAN	Snapdragon X12 LTE Modem, 4G LTE CAT6, with Embedded eSIM

SIM Card	No physical SIM card included
Ethernet	100/1000M (RJ-45)
NFC	No NFC
Standard Ports	1x USB-A (Hi-Speed USB)
	1x USB-A (USB 5Gbps), Always On
	1x USB-A (USB 5Gbps)
	2x Thunderbolt 4, with USB PD 15-65W and DisplayPort 2.1
	1x HDMI 2.1, up to 4K/60Hz
	1x Headphone / microphone combo jack (3.5mm)
	1x Ethernet (RJ-45)
Optional Ports (configured)	1x Nano-SIM Card Slot
Docking	Various docking solutions supported via Thunderbolt / USB-C. For more compatible docking solutions, please visit Docking for ThinkPad L16 Gen 3 (Intel)
SECURITY & PRIVACY	
ThinkShield	ThinkShield is a comprehensive security solution that encompasses hardware, software, and supply chain components. For more details, visit here
Security Chip	Discrete TPM 2.0 Enabled
Physical Locks	Kensington Nano Security Slot , 2.5 x 6 mm
Smart Card Reader	No Smart Card Reader
Fingerprint Reader	Touch Style, Match-on-Chip, Integrated in Power Button
Other Security	Camera privacy shutter
	IR camera for Windows Hello (facial recognition)
	Privacy Guard with Privacy Alert (software solution)
MANAGEABILITY	
System Management	Non-vPro
ACCESSORIES	
Bundled Accessories	None
CERTIFICATIONS	
Green Certifications	ENERGY STAR 9.0
	EPEAT 2.0 Gold Registered
	ErP Lot 6/26
	RoHS compliant
	TCO Certified, generation 10
Mil-Spec Test	MIL-STD-810H military test passed
MODEL INFORMATION	
Model	21X8003JZA
Machine Type	21X8

Region	MEA
Country/Region	South Africa
TopSeller	Yes
EAN / UPC / JAN	828132072302
Announce Date	2026-05-23
End of Support	2032-12-12

FAQ

Does this laptop include built-in mobile connectivity for internet on the go?

Yes, it comes with a built-in 4G (LTE) connection using a Snapdragon X12 LTE Modem. It supports an embedded eSIM, though no physical SIM card is included in the box.

Can I upgrade the memory or storage on this device later?

Absolutely. The laptop features two DDR5 SODIMM slots that currently hold one 16GB stick and can support up to 64GB of RAM. It also includes a single M.2 2280 slot for the SSD, which supports drives up to 2TB.

Is this laptop suitable for professional use with security features?

Yes, it runs Windows 11 Pro and includes robust security options such as a fingerprint reader integrated into the power button, an IR camera for facial recognition (Windows Hello), a physical privacy shutter for the webcam, and a Kensington Nano Security Slot.

What connectivity options are available for connecting external devices or displays?

The device is equipped with two Thunderbolt 4 ports that support USB Power Delivery and DisplayPort, an HDMI 2.1 port capable of 4K output, Gigabit Ethernet LAN, Wi-Fi 7, Bluetooth, and three USB-A ports (one Hi-Speed and two USB 5Gbps).

What are the specifications for the display screen?

The notebook features a large 16-inch WUXGA IPS panel with a resolution of 1920 x 1200. The display is anti-glare, LED backlit, and offers 400 nits brightness to ensure visibility in various lighting conditions.

Product Information Online

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

Product page: https://www.comx.co.za/Buy-Notebooks-Laptops-21X8003JZA-Lenovo-Thinkpad-L16-lp-340776.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx.co.za/terms-of-use.php
Terms of Sale: https://www.comx.co.za/terms-of-sale.php

PDF generated: 2026-11-20 18:43:36.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.