ComX Computers
Product Specification Sheet

NBLE21Y6001RZABUN

Lenovo Thinkpad E14 Gen8 Core Ultra 3 Notebook Ultra 7 355 4.7GHz 16GB 512GB 14" WUXGA Intel Graphics BT Win 11 Pro

Product Overview

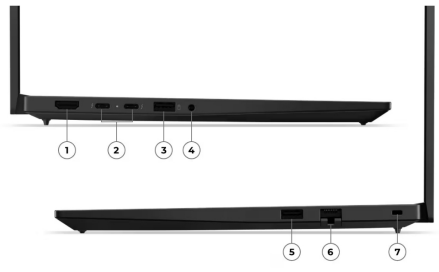
Lenovo Thinkpad E14 Gen8 Series Core Ultra Series 3 NBLE21Y6001RZABUN Black Notebook, Intel Core Ultra 7 355 Series 3 Eight (8) Core Panther Lake Turbo Boost up to 4.7Ghz 12MB L3 Cache Processor (4 Perfomance Cores & 4 Low Power Efficient Cores), 16GB DDR5-5600 SO-Dimm Memory (1x16GB), Supports 64GB Max Mem, 2 Memory slots, 512GB SSD Solid State Hard Drive PCIe, M.2 2242 slot + M.2 2280 Slot, NO optical drive (No CD), 14" WUXGA (1920 x 1200 resolution) Non Gloss Type IPS, 400nits LED Backlit Display, Intel Graphics, Intel NPU Peak 49 TOPS, Wi-Fi 7, 10/100/1000 Gigabit Ethernet LAN, Bluetooth, Webcam, Fingerprint Reader, Backlit Keyboard, 1x USB-A (USB 5Gbps), 1x USB-A (USB 10Gbps), 2x Thunderbolt 4 with USB PD 15-65W / DisplayPort 2.1, HDMI output, Kensington Nano Security Slot, 1.4 kg, Microsoft Windows 11 Professional 64 bit, 3 Year On-site warranty, Backpack











1. HDMI®	5. USB-A (USB 5Gbps)
2. 2x Thunderbolt™ 4	6. Ethernet (RJ-45)
3. USB-A (USB 10Gbps), Always On	7. Kensington Nano Security Slot™
4. Headphone / microphone combo jack (3.5mm)	

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

Specifications

Summary Overview:

Upgrade your workflow with the Lenovo ThinkPad E14 Gen 8, a powerful business notebook tailored for professionals in South Africa. Powered by the latest Intel Core Ultra 7 processor and advanced AI capabilities, this machine delivers exceptional speed and efficiency for demanding multitasking. Equipped with a vibrant WUXGA display and robust connectivity options including Wi-Fi 7 and Thunderbolt 4, it is ready to handle your daily tasks seamlessly.

Secure your productivity today by buying this reliable laptop now. Its durable design, enhanced security features like fingerprint readers and Windows Hello, and long battery life make it the ideal choice for modern work environments. Don't miss out on this top-tier performance machine designed to keep you ahead of the curve.

Laptop performance tier: High-Performance Business

Uses: Business productivity, Data analysis, Software development, Video conferencing, Content creation

Overview:

Experience the next generation of productivity with the Lenovo ThinkPad E14 Gen 8, a professional notebook designed to handle demanding workloads with ease. Powered by the latest Intel Core Ultra 7 processor from the Panther Lake series, this machine delivers exceptional performance through its unique architecture featuring four high-performance cores and four low-power efficient cores. With turbo speeds reaching up to 4.7GHz and an expansive 12MB L3 cache, users can expect seamless multitasking for everything from complex data analysis to creative content creation.

Description

This Lenovo ThinkPad E14 Gen 8 notebook combines robust processing power with modern AI capabilities in a sleek, durable design. It comes equipped with 16GB of fast DDR5-5600 memory and a rapid 512GB SSD for instant boot times and smooth application loading. The device features an intelligent NPU capable of up to 49 TOPS, making it a true AI PC ready for the future of computing tasks. Connectivity is never an issue with built-in Wi-Fi 7, a Gigabit Ethernet port, and versatile Thunderbolt 4 ports that support charging and high-resolution displays.

The display on this model is a standout feature, offering a crisp 14-inch WUXGA IPS screen with a resolution of 1920 x 1200. The anti-glare coating ensures comfortable viewing even in bright environments, while the 400-nit brightness level guarantees vivid colors and clarity. Security is paramount for business professionals, which is why this unit includes an integrated fingerprint reader located within the power button, a physical privacy shutter for the FHD webcam with infrared sensors, and discrete TPM 2.0 support to protect sensitive data.

Features:

Key Performance Highlights

- Intel Core Ultra 7 355 processor with up to 4.7GHz turbo speed

- AI PC Category: Copilot+ PC with 49 TOPS NPU performance
- 16GB DDR5-5600 memory expandable up to 64GB via two SODIMM slots
- 512GB M.2 2242 SSD with an additional M.2 2280 slot for extra storage
- Windows 11 Professional 64-bit operating system pre-installed

Built to withstand the rigors of daily use, this ThinkPad has passed MIL-STD-810H military tests and features a chassis constructed from durable aluminum on both the top and bottom. The device maintains a lightweight profile at just 1.4 kg, making it an ideal companion for professionals who travel frequently. Audio quality is enhanced by stereo speakers tuned by HARMAN with Dolby Atmos support, ensuring clear sound for meetings or entertainment.

Connectivity options are extensive and future-proofed. The laptop includes two Thunderbolt 4 ports that support USB Power Delivery up to 65W and DisplayPort 2.1, allowing you to connect high-resolution monitors easily. You also get a full-size HDMI 2.1 port for external displays, two USB-A ports including one high-speed 10Gbps option, and a dedicated Gigabit Ethernet jack for reliable wired connections. The inclusion of Wi-Fi 7 ensures the fastest possible wireless speeds in supported networks.

Connectivity and Ports

- Wi-Fi 7 (802.11be) with Bluetooth 5.4 support
- Two Thunderbolt 4 ports with USB PD and DisplayPort 2.1
- One HDMI 2.1 port supporting up to 4K resolution at 60Hz
- Gigabit Ethernet LAN (RJ-45) for stable wired internet
- USB-A ports: one 5Gbps and one 10Gbps with Always On charging

The keyboard is designed for comfort during long typing sessions, featuring a backlit layout that ensures visibility in low-light conditions. For those who value security, the ThinkShield suite provides comprehensive protection across hardware, software, and supply chain components. The system also includes a Kensington Nano Security Slot to physically secure the device against theft in public spaces.

The Lenovo ThinkPad E14 Gen 8 (Model 21Y6001RZA) is available under part number NBLE21Y6001RZABUN. This configuration includes a 48Wh battery and a 65W USB-C power adapter to keep you powered throughout the workday. The package also comes with a backpack, making it ready for immediate use right out of the box.

What's in the box

- Lenovo ThinkPad E14 Gen 8 Notebook (Black)
- 65W USB-C Power Adapter
- Protective Backpack

Specifications:

ThinkPad E14 Gen 8 (Intel)	
Model	21Y6001RZA
PERFORMANCE	
Processor	Intel Core Ultra 7 355, 8C (4P + 4LPE) / 8T, Max Turbo up to 4.7GHz, 12MB Intel Smart Cache
AI PC Category	Copilot+ PC
NPU	Up to 49 TOPS
Graphics	Integrated Intel Graphics
Chipset	Intel SoC Platform
Memory	1x 16GB SODIMM DDR5-5600
Memory Slots	Panther Lake: two DDR5 SODIMM slots, dual-channel capable
Max Memory	Panther Lake: Up to 64GB DDR5-5600
Storage	512GB SSD M.2 2242 PCIe 4.0x4 NVMe Opal 2.0

Storage Slot	Panther Lake: 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	Panther Lake: up to two drives, 2x M.2 SSD M.2 2242 SSD up to 1TB M.2 2280 SSD up to 1TB
Card Reader	No card reader
Audio Chip	High Definition (HD) Audio, Senary SN6147 codec
Speakers	Stereo speakers, 2W x2, Dolby Atmos, audio by HARMAN
Microphone	2x, Array
Camera	FHD 1080p + IR Hybrid with Privacy Shutter
Battery	48Wh
Power Adapter	65W USB-C (3-pin)
DESIGN	
Display	14" WUXGA (1920x1200) IPS 400nits Anti-glare, 45% NTSC, 60Hz
Touchscreen	None
Screen-to-Body Ratio	90%
Pen	Pen Not Supported
Keyboard	Backlit, English (EU)
Dimensions (WxDxH)	313 x 220.3 x 10.1/15.25 (front/rear), 19.7 (maximum) mm , 12.32 x 8.67 x 0.40/0.60 (front/rear), 0.78 (maximum) inches
Weight	Starting at 1.34 kg (2.95 lbs)
Case Color	Black
Case Material	Aluminium (Top), Aluminium (Bottom)
SOFTWARE	
Operating System	Windows 11 Pro, English (US) / English (UK)
Bundled Software	None
CONNECTIVITY	
WLAN + Bluetooth	Wi-Fi 7, 802.11be 2x2 + BT5.4
WWAN	WWAN Not Supported
SIM Card	No physical SIM card included
Ethernet	100/1000M (RJ-45)
NFC	No NFC
Standard Ports	1x USB-A (USB 5Gbps)
	1x USB-A (USB 10Gbps), Always On
	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)
Docking	Various docking solutions supported via Thunderbolt / USB-C. For more compatible docking solutions, please visit Docking for ThinkPad E14 Gen 8 (Intel)

SECURITY & PRIVACY	
ThinkShield	ThinkShield is a comprehensive security solution that encompasses hardware, software, and supply chain components. For more detials, 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)
MANAGEABILITY	
System Management	Non-vPro
ACCESSORIES	
Bundled Accessories	None
CERTIFICATIONS	
Green Certifications	ENERGY STAR 9.0
	EPEAT 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	21Y6001RZA
Machine Type	21Y6
Region	MEA
Country/Region	South Africa
TopSeller	Yes
EAN / UPC / JAN	199275310270
Announce Date	2026-04-14
End of Support	2032-11-14

FAQ

Is this laptop suitable for demanding AI or multitasking tasks?

The Lenovo ThinkPad E14 Gen 8 features an Intel Core Ultra 7 processor with a dedicated NPU delivering up to 49 TOPS, making it an AI PC designed for advanced workloads. It comes equipped with 16GB of fast DDR5-5600 memory and supports upgrading to a maximum of 64GB across two available slots.

What connectivity options does this model offer?

This notebook is ready for modern peripherals with Wi-Fi 7, Bluetooth 5.4, and a Gigabit Ethernet port. It includes versatile ports such as HDMI 2.1 supporting up to 4K resolution, two Thunderbolt 4 ports for high-speed data and charging, and both

USB-A (5Gbps) and USB-A (10Gbps) connections.

Does the screen support touch input or pen accessories?

No, this model features a 14-inch WUXGA IPS display with anti-glare coating but does not support touchscreen functionality. Consequently, it is also incompatible with active pens for drawing or note-taking.

Can I upgrade the storage and memory later on?

Yes, the system includes two M.2 slots (one 2242 and one 2280) allowing you to install up to two SSD drives, with each slot supporting capacities of up to 1TB. Additionally, there are two DDR5 SODIMM slots available for memory expansion beyond the installed 16GB module.

What security features are included on this device?

The laptop offers robust protection including a physical camera privacy shutter, an IR camera for Windows Hello facial recognition, and a fingerprint reader integrated into the power button. It also supports Kensington Nano Security Slot locking and includes a discrete TPM 2.0 chip.

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-NBLE21Y6001RZABUN-Lenovo-Thinkpad-E14-Gen8-Core-Ultra-3-Notebook-lp-341702.php

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

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

PDF generated: 2026-11-13 23:03:29.

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.