ComX Computers
Product Specification Sheet

NBLE21YC003BZA

Lenovo Thinkpad E16 Gen4 Core Ultra 3 Notebook Ultra 5 325 4.5GHz 16GB 512GB 16" WUXGA Intel Graphics BT Win 11 Pro

Product Overview

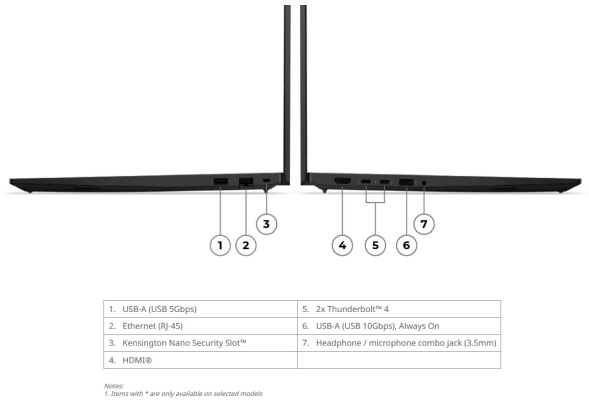
Lenovo Thinkpad E16 Gen4 Series Core Ultra Series 3 NBLE21YC003BZA Black Notebook, Intel Core Ultra 5 325 Series 3 Eight (8) Core Panther Lake Turbo Boost up to 4.5GHz 12MB L3 Cache Processor (4 Perfomance Cores & 4 Low Power Efficient Cores), 16GB DDR5-5600 SO-Dimm Memory (1x16GB), Supports 64GB Max Mem, 2 Memory slots, 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, 3 Cell Battery, Fingerprint Reader, Backlit Keyboard, Full Size Keyboard with Numpad, 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), 2x Thunderbolt 4 with USB PD 15-65W / DisplayPort 2.1, HDMI output, Kensington Nano Security Slot, 1.7 kg, Microsoft Windows 11 Professional 64 bit, 3 Year On-site warranty











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

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

Specifications

Summary Overview:

The Lenovo ThinkPad E16 Gen 4 is a dependable business laptop built for professionals, students, and hybrid workers who need reliable everyday performance. Powered by an Intel Core Ultra 5 processor, 16GB DDR5 memory, and a fast 512GB PCIe SSD, it delivers smooth multitasking, quick startup times, and responsive performance. The 16-inch WUXGA IPS display, Wi-Fi 7 connectivity, fingerprint reader, backlit keyboard, and Windows 11 Pro make it an excellent choice for productivity. Buy now and enjoy a premium ThinkPad experience for work or study in South Africa.

The ThinkPad E series has earned a strong reputation for its comfortable keyboard, durable construction, and dependable performance. Business users, remote workers, university students, and office professionals frequently praise the series for its reliability, security features, and excellent typing experience, making it a popular choice for daily productivity and long-term use.

Laptop performance tier: Upper Mid-Range Productivity / Business AI PC

Uses: Office productivity, business applications, remote work, multitasking, spreadsheets, presentations, web browsing, video conferencing, programming, cloud applications, light content creation, university studies

Overview:

Lenovo ThinkPad E16 Gen 4 Business Laptop with Intel Core Ultra 5 Performance

The Lenovo ThinkPad E16 Gen 4 is a professional 16-inch business notebook designed for users who need reliable performance, modern connectivity, and strong security in a practical work-focused design. Powered by the Intel Core Ultra 5 325 processor with built-in AI acceleration, this laptop is suited for office tasks, productivity applications, multitasking, and modern AI-assisted workflows.

With 16GB DDR5 memory, a fast 512GB PCIe SSD, and integrated Intel Graphics, the ThinkPad E16 Gen 4 delivers responsive everyday performance while keeping applications running smoothly. The large 16-inch WUXGA IPS display provides extra workspace with sharp Full HD+ resolution, anti-glare viewing, and 400 nits brightness for comfortable use in different environments.

Features:

Lenovo ThinkPad E16 Gen 4 Design and Display

The ThinkPad E16 Gen 4 combines a durable black chassis with a professional appearance suitable for business environments. Its 16-inch IPS display offers a 1920 x 1200 resolution and a taller 16:10 aspect ratio, giving users more vertical workspace for documents, spreadsheets, and web browsing.

- 16-inch WUXGA IPS display

- 1920 x 1200 resolution
- 400 nits brightness
- Anti-glare screen surface
- Slim business-focused design

Intel Core Ultra Performance and AI Computing

The Intel Core Ultra 5 325 processor provides efficient performance with a combination of performance and low power efficiency cores. The integrated Intel NPU delivers up to 47 TOPS of AI processing power, helping support AI-enabled applications and Copilot+ PC experiences.

- Intel Core Ultra 5 325 processor
- Eight-core hybrid architecture
- Turbo Boost up to 4.5GHz
- Integrated Intel Graphics
- Intel AI NPU up to 47 TOPS

Fast Storage and Expandable Memory

This ThinkPad E16 Gen 4 includes 16GB DDR5-5600 memory and a 512GB PCIe NVMe SSD for quick boot times and fast application loading. The system supports memory upgrades up to 64GB, making it suitable for users who need additional performance in the future.

- 16GB DDR5-5600 memory
- 512GB PCIe 4.0 NVMe SSD
- Dual memory slots
- Supports up to 64GB RAM

Business Connectivity and Security

Designed for modern workplaces, the Lenovo ThinkPad E16 Gen 4 includes Wi-Fi 7, Gigabit Ethernet, Thunderbolt 4, and multiple USB connections for flexible connectivity. Security features include a fingerprint reader, IR camera support for Windows Hello, TPM 2.0, and a privacy shutter.

- Wi-Fi 7 wireless connectivity
- Bluetooth 5.4
- Gigabit Ethernet LAN
- Two Thunderbolt 4 ports
- Fingerprint reader
- IR camera with privacy shutter
- TPM 2.0 security chip

Keyboard and Productivity Features

The full-size backlit keyboard with numeric keypad makes the ThinkPad E16 Gen 4 comfortable for long work sessions, especially for users who frequently work with spreadsheets or financial applications. Dolby Atmos audio and Harman speakers provide improved sound quality for meetings and media.

- Backlit keyboard
- Full-size keyboard with numeric keypad
- FHD webcam with privacy shutter
- Dolby Atmos audio
- Dual stereo speakers

Ports and Expansion Options

The laptop offers a wide selection of ports for connecting accessories, displays, and business equipment.

- 2x Thunderbolt 4 with DisplayPort support
- USB-A 5Gbps port
- USB-A 10Gbps port

- HDMI output
- Ethernet RJ-45 port
- Headphone and microphone combo jack

Lenovo ThinkPad E16 Gen 4 Specifications

- Model: Lenovo ThinkPad E16 Gen 4 21YC003BZA
- Processor: Intel Core Ultra 5 325
- Memory: 16GB DDR5-5600
- Storage: 512GB PCIe NVMe SSD
- Display: 16-inch WUXGA IPS
- Graphics: Integrated Intel Graphics
- Operating System: Windows 11 Pro 64-bit
- Wireless: Wi-Fi 7 and Bluetooth 5.4
- Battery: 48Wh
- Weight: From approximately 1.63kg
- Colour: Black

Performance tier:

Business productivity laptop

Uses:

Office work, business applications, remote work, video conferencing, spreadsheets, multitasking, and AI-enabled productivity tasks

Specifications:

ThinkPad E16 Gen 4 (Intel)	
Model	21YC003BZA
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	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	16" WUXGA (1920x1200) IPS 400nits Anti-glare, 45% NTSC, 60Hz
Touchscreen	None
Screen-to-Body Ratio	90.7%
Color Calibration	AICCP Color Calibration
Pen	Pen Not Supported
Keyboard	Backlit, English (EU)
Dimensions (WxDxH)	356 x 249 x 10.1/17.05 (front/rear), 21.15 (maximum) mm , 14.01 x 9.80 x 0.40/0.67 (front/rear), 0.83 (maximum) inches
Weight	Starting at 1.63 kg (3.59 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 / USB 3.2 Gen 1)
	1x USB-A (USB 10Gbps / USB 3.2 Gen 2), 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 E16 Gen 4 (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	Work in progress
Other Certifications	TÜV Rheinland Low Blue Light (Software Solution)
MODEL INFORMATION	
Model	21YC003BZA
Machine Type	21YC
Region	MEA
Country/Region	South Africa
TopSeller	Yes
EAN / UPC / JAN	199275304477
Announce Date	2026-04-14
End of Support	2032-11-14

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-NBLE21YC003BZA-Lenovo-Thinkpad-lp-340109.php

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