ComX Computers
Product Specification Sheet

NBLE21U2000JZABUN

Lenovo Thinkpad E14 Gen7 Core Ultra 2 Notebook Ultra 7 258V 4.8GHz 32GB 512GB 14" WUXGA Arc 140V BT Win 11 Pro

Product Overview

Lenovo Thinkpad E14 Gen7 Series Core Ultra Series 2 NBLE21U2000JZABUN Black Notebook, Intel Core Ultra 7 258V Series 2 Eight (8) Core Lunar Lake Turbo Boost up to 4.8Ghz 12MB L3 Cache Processor (4 Perfomance Cores & 4 Low Power Efficient Cores), 32GB LPDDR5 Memory onboard, Supports 32GB Max Mem, No memory slots, 512GB SSD Solid State Hard Drive PCIe, M.2 2280 slot, NO optical drive (No CD), 14" WUXGA (1920 x 1200 resolution) Non Gloss Type IPS, 300nits LED Backlit Display, Intel Arc Graphics 140V, Intel AI Boost 47 TOPS, 802.11ax Wi-Fi 6, 10/100/1000 Gigabit Ethernet LAN, Bluetooth, Webcam, Fingerprint Reader, Backlit Keyboard, 1x USB-A (USB 5Gbps / USB 3.2 Gen 1), 1x USB-A (USB 10Gbps / USB 3.2 Gen 2), 1x USB-C (Thunderbolt 4 / USB4 40Gbps) with USB PD 3.1 / DisplayPort 2.1, HDMI output, Kensington Nano Security Slot, 1.4 kg, Microsoft Windows 11 Professional 64 bit, 3 Year On-site warranty











1. USB-A (USB 5Gbps)	5. USB-C® (USB 20Gbps), with USB PD 3.1 & DP 1.4
2. Ethernet (RJ-45)	6. Thunderbolt™ 4
3. Kensington® Nano Security Slot™	7. USB-A (USB 10Gbps), Always On
4. HDMI®	8. Headphone / microphone combo jack (3.5mm)

Specifications

Summary Overview:

Upgrade your mobile workflow with the powerful Lenovo ThinkPad E14 Gen 7, now available for purchase in South Africa. This business-class laptop features the latest Intel Core Ultra 7 processor and advanced AI capabilities designed to accelerate productivity for professionals on the go.

Built with a durable aluminium chassis and weighing just 1.32kg, it offers exceptional portability without compromising performance. With 32GB of onboard memory and a fast SSD, you will experience seamless multitasking and quick boot times for all your essential applications.

Secure your data with enterprise-grade security features including a fingerprint reader and Windows Hello support. Secure your future productivity today by buying now to get this premium Copilot+ PC delivered straight to your door in South Africa.

Laptop performance tier: Business Performance AI Laptop

Uses: Office productivity, hybrid work, remote working, multitasking, video conferencing, AI-assisted workflows, cloud applications

Overview:

Lenovo ThinkPad E14 Gen 7 Business Laptop with Intel Core Ultra 7

The Lenovo ThinkPad E14 Gen 7 stands as a robust solution for modern professionals who demand reliability without compromising on performance. This business notebook is engineered to handle demanding workloads, from complex multitasking to AI-driven productivity tasks, all within a sleek and durable chassis. Powered by the latest Intel Core Ultra 7 258V processor featuring Lunar Lake architecture, it delivers exceptional speed with up to 4.8GHz turbo boost capabilities. The integration of Intel Arc Graphics ensures smooth visuals for both creative work and everyday business applications, while the built-in AI Boost technology accelerates intelligent workflows efficiently.

Built as a Copilot+ PC, this device prioritizes security and collaboration features essential for today's hybrid work environments. Users benefit from enterprise-grade protection including a fingerprint reader integrated into the power button, TPM 2.0 encryption, and an infrared camera that supports Windows Hello facial recognition with a physical privacy shutter to safeguard your data. The premium black aluminium design not only offers durability but also maintains a slim profile weighing approximately 1.32kg, making it an ideal companion for professionals on the move.

Description

This Lenovo ThinkPad E14 Gen 7 laptop (Part Number NBLE21U2000JZABUN) combines powerful performance with advanced AI capabilities to enhance your daily productivity. Key highlights include a high-resolution WUXGA IPS display, fast LPDDR5X memory for seamless multitasking, and a secure Windows 11 Pro environment. The comprehensive port selection

ensures you stay connected anywhere, while the long-lasting battery life supports your workday without interruption.

Features:

Performance Highlights

- Intel Core Ultra 7 258V processor with 8 cores (4 Performance + 4 Efficient) and up to 4.8GHz turbo speed
- 32GB LPDDR5X-8533 onboard memory soldered for maximum efficiency
- 512GB PCIe Gen4 NVMe SSD providing fast boot times and data access
- Intel Arc Graphics 140V with AI Boost NPU delivering up to 47 TOPS of performance
- Copilot+ PC ready for advanced artificial intelligence tasks

Display and Design Features

The 14-inch WUXGA IPS display offers a resolution of 1920 x 1200 pixels with anti-glare coating, ensuring comfortable viewing in various lighting conditions. With a brightness level of 300 nits and a high 90% screen-to-body ratio, the visuals are crisp and immersive. The chassis is constructed from durable aluminium in a sleek black finish, balancing portability with ruggedness for office or travel use.

- 14-inch WUXGA (1920 x 1200) IPS panel with anti-glare surface
- Brightness of 300 nits and 60Hz refresh rate
- Compact dimensions: 313 x 220.3 x 10.1 mm (front/rear)
- Weighs approximately 1.32 kg for easy portability

Connectivity and Ports

Stay connected with a versatile array of modern ports designed to support all your peripherals and external displays. The laptop includes Thunderbolt 4 support, allowing for high-speed data transfer, video output via DisplayPort 2.1, and power delivery charging through the USB-C port. Additional connectivity options cover everything from Gigabit Ethernet for stable wired connections to Wi-Fi 6E for fast wireless networking.

- Thunderbolt 4 / USB4 Type-C with Power Delivery and DisplayPort 2.1
- HDMI 2.1 output supporting up to 4K resolution at 60Hz
- Two USB-A ports: one USB 3.2 Gen 1 (5Gbps) and one USB 3.2 Gen 2 (10Gbps)
- Gigabit Ethernet RJ-45 LAN port for wired network stability
- Wi-Fi 6E AX211 and Bluetooth 5.3 for wireless connectivity

Security and Collaboration Tools

Business users can rely on a suite of security features designed to protect sensitive information during video conferencing and daily operations. The Full HD IR hybrid webcam includes a physical privacy shutter, while the fingerprint reader allows for quick and secure login. Audio quality is enhanced by Dolby Atmos stereo speakers tuned by HARMAN, ensuring clear sound for meetings and media consumption.

- Fingerprint reader integrated into the power button
- IR camera with Windows Hello facial recognition support
- Physical webcam privacy shutter for visual security
- Dual array microphones for clear voice capture
- Kensington Nano Security Slot for physical lock protection

Key Details and Specifications

- Model: 21U2000JZA (Part Number NBLE21U2000JZABUN)
- Operating System: Microsoft Windows 11 Professional 64-bit
- Keyboard: Backlit English (EU) layout
- Battery: 48Wh internal battery with 65W USB-C power adapter included
- Audio: High Definition Audio by HARMAN with Dolby Atmos

What's in the box

- Lenovo ThinkPad E14 Gen 7 Notebook
- 65W USB-C Power Adapter (3-pin)

This laptop is ideally suited for business professionals, students, and remote workers who require a dependable machine for productivity, video conferencing, and AI-assisted workflows. The combination of high-performance hardware, robust security measures, and a portable design makes it a top choice for those navigating the modern digital landscape.

Specifications:

Model	21U2000JZA
PERFORMANCE	
Processor	Intel Core Ultra 7 258V, 8C (4P + 4LPE) / 8T, Max Turbo up to 4.8GHz, 12MB Intel Smart Cache
AI PC Category	Copilot+ PC
NPU	Integrated Intel AI Boost, up to 47 TOPS
Graphics	Integrated Intel Arc Graphics 140V
Chipset	Intel SoC Platform
Memory	32GB Soldered LPDDR5X-8533, MoP Memory
Memory Slots	Lunar Lake: memory soldered to systemboard, no slots, dual-channel
Max Memory	Lunar Lake: 32GB soldered memory, not upgradable
Storage	512GB SSD M.2 2242 PCIe 4.0x4 NVMe Opal 2.0
Storage Slot	Lunar Lake: one M.2 2280 PCIe 4.0 x4 slot
Max Storage Support	Lunar Lake: one drive, up to 1TB M.2 2280 SSD
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 300nits 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 1.32 kg (2.91 lbs)
Case Color	Black
Case Material	Aluminium (Top), Aluminium (Bottom)
SOFTWARE	
Operating System	Windows 11 Pro, English (US) / English (UK)

Bundled Software	Lenovo AI Now
CONNECTIVITY	
WLAN + Bluetooth	Intel Wi-Fi 6E AX211, 802.11ax 2x2 + BT5.3
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
	1x USB-C (Thunderbolt 4 / USB4 40Gbps), 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 USB-C (Thunderbolt 4 / USB4 40Gbps), with USB PD 15-65W and DisplayPort 2.1
Docking	Various docking solutions supported via Thunderbolt / USB-C. For more compatible docking solutions, please visit Docking for ThinkPad E14 Gen 7 (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	21U2000JZA
Machine Type	21U2
Region	MEA
Country/Region	South Africa
TopSeller	Yes
EAN / UPC / JAN	199271519745
Announce Date	2025-07-22
End of Support	2032-02-22

FAQ

Can I upgrade the memory on this laptop later?

No, the Lenovo ThinkPad E14 Gen 7 features soldered LPDDR5X memory with no available slots for upgrades. This model comes pre-equipped with 32GB of onboard RAM which serves as the maximum supported capacity.

Does the webcam have a privacy feature to protect my security?

Yes, this notebook includes a physical camera privacy shutter to block the view when not in use. It also features an IR camera for Windows Hello facial recognition and a fingerprint reader integrated into the power button for secure access.

Is this laptop suitable for connecting external monitors or drives via USB-C?

Absolutely, the device includes a Thunderbolt 4 port that supports USB4, DisplayPort 2.1, and USB Power Delivery up to 65W. This allows you to connect high-resolution displays and charge your notebook simultaneously using the included power adapter.

What is the maximum storage capacity this model can support?

The laptop includes a 512GB PCIe Gen4 SSD but supports expansion up to 1TB via its M.2 2280 slot if you need additional space for files and applications.

Does this unit come with wireless connectivity options like Wi-Fi 6E?

Yes, the Lenovo ThinkPad E14 Gen 7 is equipped with Intel Wi-Fi 6E and Bluetooth 5.3 for fast, reliable connections, along with a Gigabit Ethernet port for wired networking stability.

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-NBLE21U2000JZABUN-Lenovo-Thinkpad-E14-Gen7-Core-Ultra-2-Notebook-lp-341970.php

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