ComX Computers
Product Specification Sheet

22AW0010ZA

Lenovo Thinkpad E16 Gen4 Core Ultra 2 V Notebook Ultra 7 258V 4.8GHz 32GB 512GB 16" WUXGA Arc 140V BT 3G Win 11 Pro

Product Overview

Lenovo Thinkpad E16 Gen4 Series Core Ultra Series 2 V 22AW0010ZA 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), 16" WUXGA (1920 x 1200 resolution) Non Gloss Type IPS, 400nits LED Backlit Display, Intel Arc Graphics 140V, Intel AI Boost 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, 2x USB-A (USB 5Gbps / USB 3.2 Gen 1), , 2x USB-C (Thunderbolt 4 / USB4 40Gbps with USB PD 15-100W / DisplayPort 2.1), HDMI output, Kensington Nano Security Slot, 1.8 kg, Microsoft Windows 11 Professional 64 bit, 3 Year Carry in warranty











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

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

Specifications

Summary Overview:

The Lenovo ThinkPad T16 Gen 4 is built for professionals who need dependable performance, advanced AI capabilities, and excellent mobility. Powered by the Intel Core Ultra 7 258V processor, 32GB LPDDR5X memory, a fast 512GB PCIe SSD, Intel Arc Graphics, Wi-Fi 7, built-in 4G LTE, and Windows 11 Pro, it is ideal for demanding business workloads, multitasking, and productivity. Buy now and enjoy a premium business notebook designed for modern work in South Africa.

The ThinkPad T series has earned a strong reputation among business users, IT professionals, remote workers, and students for its reliable build quality, comfortable keyboard, long-term durability, and consistent performance. Buyers frequently praise the series for everyday productivity, corporate deployments, and mobile office use, making it a trusted choice for professional environments.

Laptop performance tier: Premium Business / High Performance AI Laptop

Uses: Business productivity, office work, AI-assisted workflows, multitasking, remote work, video conferencing, programming, data analysis, document creation, web browsing, presentations, virtualization, light content creation

Overview:

Lenovo ThinkPad T16 Gen 4 16-Inch Intel Core Ultra 7 Laptop - 22AW0010ZA

Designed for professionals who need reliable performance, AI capabilities, and business-grade security, the Lenovo ThinkPad T16 Gen 4 delivers a powerful computing experience in a lightweight 16-inch notebook. Powered by the Intel Core Ultra 7 258V processor with integrated Intel AI Boost, this Copilot+ PC is ready for demanding workloads, multitasking, and modern AI-assisted applications.

Its 16-inch WUXGA IPS display offers sharp visuals with a comfortable anti-glare finish and 400 nits brightness, making it ideal for office work, remote meetings, and productivity on the move. With 32GB LPDDR5X memory, a fast 512GB PCIe NVMe SSD, built-in 4G LTE connectivity, and Wi-Fi 7, you can stay productive whether you're in the office or working remotely.

Features:

Built for Modern Business

The ThinkPad T16 Gen 4 combines performance, portability, and enterprise-level security in a durable black chassis. Integrated Intel Arc Graphics 140V delivers smooth visuals for everyday business applications, while Windows 11 Pro provides the tools needed for professional environments. Advanced security includes a fingerprint reader, TPM 2.0, IR camera with privacy shutter, Smart Card Reader, and ThinkShield security technologies.

Key Highlights

- Lenovo ThinkPad T16 Gen 4 (Model: 22AW0010ZA)

- Intel Core Ultra 7 258V 8-core processor
- Intel AI Boost NPU delivering up to 47 TOPS
- Copilot+ PC ready
- 32GB LPDDR5X onboard memory
- 512GB PCIe Gen4 NVMe SSD
- 16-inch WUXGA (1920 x 1200) IPS anti-glare display
- Intel Arc Graphics 140V
- Built-in 4G LTE with eSIM support
- Wi-Fi 7 and Bluetooth 5.4
- Gigabit Ethernet (RJ-45)
- Windows 11 Pro
- Fingerprint reader with power button integration
- IR webcam with privacy shutter and Windows Hello support
- Full-size backlit keyboard with numeric keypad
- Smart Card Reader
- HDMI 2.1 and Thunderbolt 4 connectivity
- Lightweight design starting from approximately 1.79 kg

Performance and AI Computing

Powered by the latest Intel Core Ultra 7 processor, this notebook is designed to handle business applications, productivity software, video conferencing, and AI-enhanced workflows with ease. The integrated Intel AI Boost NPU accelerates supported AI tasks while Intel Arc Graphics provides responsive graphics performance without requiring a dedicated GPU.

Display and Visual Experience

The 16-inch IPS display delivers a WUXGA resolution of 1920 x 1200 with a 16:10 aspect ratio for increased workspace. Its anti-glare coating and 400-nit brightness make it comfortable to use in a variety of lighting conditions while providing clear and vibrant images.

Connectivity

Stay connected in virtually any working environment with both wireless and wired networking options.

- Wi-Fi 7
- Bluetooth 5.4
- Built-in 4G LTE with embedded eSIM support
- Gigabit Ethernet
- 2 x USB-A 3.2 Gen 1
- 2 x USB-C Thunderbolt 4 / USB4
- HDMI 2.1
- 3.5mm audio combo jack
- Nano SIM slot
- Kensington Nano Security Slot

Security

Business users benefit from multiple layers of security designed to protect both data and device.

- Touch fingerprint reader
- TPM 2.0 security chip
- IR camera for Windows Hello
- Camera privacy shutter
- Smart Card Reader
- ThinkShield security platform
- Human Presence Detection

Technical Summary

- Part Number: 22AW0010ZA
- Processor: Intel Core Ultra 7 258V
- Memory: 32GB LPDDR5X
- Storage: 512GB PCIe NVMe SSD
- Graphics: Intel Arc Graphics 140V
- Display: 16-inch WUXGA IPS 400 nits Anti-Glare
- Operating System: Windows 11 Pro
- Wireless: Wi-Fi 7, Bluetooth 5.4, 4G LTE
- Weight: Approximately 1.79 kg
- Colour: Black

Specifications:

ThinkPad T16 Gen 4 (Intel)	
Model	22AW0010ZA
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 2280 PCIe 4.0x4 NVMe Opal 2.0
Storage Slot	Models with V or H series processor: one M.2 2280 PCIe 5.0 x4 slot
Max Storage Support	One drive, up to 2TB M.2 2280 SSD
Optical	None
Card Reader	No Card Reader
Audio Chip	High Definition (HD) Audio, Realtek ALC3287 codec
Speakers	Stereo speakers, 2W x2, Dolby Audio
Microphone	2x, 360 degrees
Camera	5.0MP + IR Discrete with Privacy Shutter
Battery	52.5Wh
Power Adapter	65W USB-C (3-pin)
DESIGN	
Display	16" WUXGA (1920x1200) IPS 400nits Anti-glare, 45% NTSC
Touchscreen	None
Screen-to-Body Ratio	87.22%

Pen	Pen Not Supported
Keyboard	Backlit, English (EU)
Dimensions (WxDxH)	359.7 x 250.8 x 11.8/18.14 (front/rear), 23.65 (maximum) mm , 14.16 x 9.87 x 0.46/0.71 (front/rear), 0.93 (maximum) inches
Weight	Starting at 1.79 kg (3.95 lbs)
Case Color	Black
Case Material	PC + 20% CF (Top), PC + 20% CF (Bottom)
SOFTWARE	
Operating System	Windows 11 Pro, English (US) / English (UK)
Bundled Software	Lenovo AI Now
CONNECTIVITY	
WLAN + Bluetooth	Intel Wi-Fi 7 BE201, 802.11be 2x2 + BT5.4
WWAN	Quectel EM061K-GL, 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 (USB 5Gbps / USB 3.2 Gen 1)
	1x USB-A (USB 5Gbps / USB 3.2 Gen 1), Always On
	2x USB-C (Thunderbolt 4 / USB4 40Gbps), with USB PD 15-100W 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 Smart Card Reader
	1x Nano-SIM Card Slot
Docking	Various docking solutions supported via Thunderbolt / USB-C. For more compatible docking solutions, please visit Docking for ThinkPad T16 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	Smart Card Reader
Fingerprint Reader	Touch Style, Match-on-Chip, Integrated in Power Button
Other Security	Camera privacy shutter (camera models)
	Ultrasonic Human Presence Detection
	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
MODEL INFORMATION	
Model	22AW0010ZA
Machine Type	22AW
Region	MEA
Country/Region	South Africa
TopSeller	Yes
EAN / UPC / JAN	199274491628
Announce Date	2026-03-24
End of Support	2032-08-27

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-22AW0010ZA-Lenovo-Thinkpad-E16-lp-338928.php

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