ComX Computers
Product Specification Sheet

22BG0076ZA

Lenovo ThinkBook 14x Core Ultra 2 Notebook Ultra 7 266V 5.0GHz 16GB 512GB 14" WUXGA Arc 140V BT Win 11 Pro

Product Overview

Lenovo ThinkBook 14x Series Core Ultra Series 2 22BG0076ZA Grey Notebook, Intel Core Ultra 7 266V Series 2 Eight (8) Core Lunar Lake Turbo Boost up to 5.0Ghz 12MB L3 Cache Processor (4 Perfomance Cores & 4 Low Power Efficient Cores), 16GB LPDDR5 Memory onboard, Supports 16GB Max Mem, No 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 Arc Graphics 140V, Intel AI Boost 48 TOPS, Wi-Fi 7, Bluetooth, Webcam, Fingerprint Reader, Backlit Keyboard, 2x USB-A (USB 5Gbps), 2x USB-C (USB 10Gbps with USB PD 45-65W / DisplayPort 1.4), HDMI output, 1 kg, Microsoft Windows 11 Professional 64 bit, 3 Year Carry in warranty











1. USB-C® (USB 10Gbps), with PD 45-65W & DP 1.4	4. Headphone / microphone combo jack (3.5mm)
2. USB-C® (USB 10Gbps), with PD 45-65W & DP 1.4	5. USB-A (USB 5Gbps)
3. HDMI®	6. USB-A (USB 5Gbps), Always On

Specifications

Summary Overview:

Upgrade your productivity with the Lenovo ThinkBook 14x, a powerful AI PC tailored for professionals in South Africa. Featuring the latest Intel Core Ultra 7 processor and dedicated AI capabilities, this laptop delivers exceptional performance for demanding tasks while maintaining a sleek and durable design.

Equipped with a vibrant 14-inch display and robust connectivity options including Wi-Fi 7, it is ready to handle your daily workflow seamlessly. Secure your high-performance business machine today by adding it to your cart and shop now to experience the future of mobile computing.

Laptop performance tier: High Performance

Uses: Business productivity, video conferencing, data analysis, programming, multitasking

Overview:

The Lenovo ThinkBook 14x ILL, identified by part number 22BG0076ZA, represents a significant leap in portable computing power with its latest Intel Core Ultra Series 2 Lunar Lake processor. This premium business laptop is designed for professionals who demand high performance without sacrificing portability, combining an intelligent architecture that balances efficiency and speed. The sleek Luna Grey finish, crafted from durable aluminium, ensures the device looks as professional as it performs, making it an ideal choice for modern work environments where style and substance must coexist.

At the heart of this machine lies the Intel Core Ultra 7 266V processor, featuring a unique hybrid design with eight cores dedicated to both performance and low-power tasks. This configuration allows the laptop to handle demanding multitasking scenarios while maintaining excellent battery life for all-day productivity. The inclusion of Intel AI Boost technology delivers up to 48 TOPS of processing power, enabling seamless handling of local artificial intelligence workloads directly on the device. Whether you are running complex data analysis or utilizing advanced collaboration tools, the ThinkBook 14x adapts instantly to your workflow needs.

Description

The Lenovo ThinkBook 14x (Model 22BG0076ZA) is a high-performance AI PC designed for professionals who require speed and reliability. Equipped with the new Intel Core Ultra 7 processor, this laptop delivers exceptional multitasking capabilities powered by Lunar Lake technology. Key benefits include a stunning 14-inch WUXGA display with 400 nits brightness for clear visibility in any lighting, integrated Intel Arc graphics for smooth visuals, and Wi-Fi 7 connectivity for ultra-fast internet speeds. The device features secure biometric access via fingerprint reader and Windows Hello IR camera, along with a lightweight aluminium chassis that weighs under one kilogram for easy portability.

Visual clarity is paramount in the ThinkBook series, which is why this model boasts a 14-inch WUXGA IPS display with a resolution of 1920 x 1200 pixels. The panel offers a high screen-to-body ratio and covers 100% of the sRGB color gamut,

ensuring accurate colors for creative work. With a brightness level of 400 nits and an anti-glare finish, users can work comfortably even in bright office spaces or near windows. The display also supports a smooth 120Hz refresh rate, providing fluid motion for scrolling and video playback.

Connectivity is handled by the latest Intel Wi-Fi 7 standard, ensuring future-proof wireless performance with speeds that rival wired connections. This is paired with Bluetooth 5.4 for seamless pairing with peripherals. For physical connections, the laptop includes a versatile array of ports, including two USB-C ports supporting data transfer rates up to 10Gbps and power delivery, as well as HDMI 2.1 output capable of driving 4K displays. The inclusion of an always-on USB-A port allows for quick access to peripherals even when the system is in standby mode.

Features:

Key Features

- Processor: Intel Core Ultra 7 266V with up to 5.0GHz Turbo Boost and integrated AI capabilities
- Memory: 16GB LPDDR5X-8533MHz soldered memory for rapid data access (not user-upgradable)
- Storage: 512GB PCIe 4.0 NVMe SSD with a secondary M.2 slot available for expansion up to 1TB
- Display: 14-inch WUXGA IPS panel, 400 nits brightness, anti-glare, and 120Hz refresh rate
- Graphics: Integrated Intel Arc Graphics 140V for efficient visual performance
- Connectivity: Wi-Fi 7 (BE201) and Bluetooth 5.4 for ultra-fast wireless speeds
- Ports: 2x USB-C (10Gbps), 2x USB-A (5Gbps), HDMI 2.1, and headphone jack
- Security: Fingerprint reader integrated in the power button and IR camera for Windows Hello
- Battery: 65Wh capacity with 65W USB-C charging support
- Build: Premium Luna Grey aluminium chassis weighing approximately 990 grams

The ThinkBook 14x is built to last, having passed rigorous MIL-STD-810H military testing to ensure durability against shocks and vibrations. The chassis features a robust design with anodized sandblasted surfaces that resist fingerprints and wear. Despite its sturdy build, the laptop remains incredibly light at just under one kilogram, making it easy to carry in a backpack or briefcase throughout the day. The haptic touchpad provides precise cursor control, while the backlit keyboard ensures comfortable typing in low-light conditions.

Security is a top priority for business users, and this model includes a Firmware TPM 2.0 chip along with a physical privacy shutter on the webcam to protect your data. The integrated fingerprint reader offers quick and secure login via Windows Hello facial recognition using the IR camera. These layers of protection ensure that sensitive corporate information remains safe from unauthorized access.

What's in the box

- Lenovo ThinkBook 14x ILL Laptop (Model 22BG0076ZA)
- 65W USB-C Power Adapter with 3-pin connector
- Power Cord for regional compatibility
- User Documentation and Safety Guides

This device comes pre-installed with Microsoft Windows 11 Pro, providing advanced security features and management tools suitable for enterprise environments. The operating system supports English (US) and English (UK) locales out of the box. While the unit includes a trial for Office software, it is ready to handle all professional document creation and collaboration tasks immediately upon setup.

The Lenovo ThinkBook 14x also adheres to strict environmental standards, holding certifications such as ENERGY STAR 9.0, EPEAT Gold Registered, and TCO Certified generation 10. It features a hardware solution for Low Blue Light certification from TÜV Rheinland, which helps reduce eye strain during long working hours. These green credentials demonstrate the brand's commitment to sustainability without compromising on performance or quality.

Specifications:

ThinkBook 14xMarketing Name	
Model	22BG0076ZA
PERFORMANCE	

Processor	Intel Core Ultra 7 266V, 8C (4P + 4LPE) / 8T, Max Turbo up to 5.0GHz, 12MB Intel Smart Cache
AI PC Category	Copilot+ PC
NPU	Integrated Intel AI Boost, up to 48 TOPS
Graphics	Integrated Intel Arc Graphics 140V
Chipset	Intel SoC Platform
Memory	16GB Soldered LPDDR5X-8533, MoP Memory
Memory Slots	Memory soldered to systemboard, no slots, dual-channel
Max Memory	16GB soldered memory, not upgradable
Storage	512GB SSD M.2 2242 PCIe 4.0x4 NVMe
Storage Slot	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	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
Microphone	2x, Array
Camera	FHD 1080p + IR Hybrid with Privacy Shutter
Battery	65Wh
Power Adapter	65W USB-C (3-pin)
Special Features	Modern Standby
DESIGN	
Display	14" WUXGA (1920x1200) IPS 400nits Anti-glare, 100% sRGB, 120Hz
Touchscreen	None
Screen-to-Body Ratio	90.8%
Color Calibration	No Color Calibration
Pen	Pen Not Supported
Keyboard	Backlit, English (EU)
Touchpad	Haptic Touchpad
Dimensions (WxDxH)	312 x 217 x 12.9-15.6 mm (12.28 x 8.54 x 0.51-0.61 inches)
Weight	Starting at 990 g (2.18 lbs)
Case Color	Luna Grey
Case Material	Aluminium (Top), Aluminium (Bottom)
Surface Treatment	Anodizing Sandblasting
SOFTWARE	
Operating System	Windows 11 Pro, English (US) / English (UK)
Bundled Software	Office Trial
CONNECTIVITY	

WLAN + Bluetooth	Intel Wi-Fi 7 BE201, 802.11be 2x2 + BT5.4
WWAN	WWAN Not Supported
Ethernet	No Onboard Ethernet
Standard Ports	1x USB-A (USB 5Gbps), Always On
	1x USB-A (USB 5Gbps)
	2x USB-C (USB 10Gbps), with USB PD 45-65W and DisplayPort 1.4
	1x HDMI 2.1, up to 4K/60Hz
	1x Headphone / microphone combo jack (3.5mm)
Docking	Various docking solutions supported via USB-C. For more compatible docking solutions, please visit Docking for ThinkBook 14x ILL
SECURITY & PRIVACY	
Security Chip	Firmware TPM 2.0 Enabled
Fingerprint Reader	Touch Style, Match-on-Chip, Integrated in Power Button
Other Security	Camera privacy shutter
	IR camera for Windows Hello (facial recognition)
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
Other Certifications	TÜV Rheinland Low Blue Light (Hardware Solution)
MODEL INFORMATION	
Model	22BG0076ZA
Machine Type	22BG
Region	MEA
Country/Region	South Africa
TopSeller	Yes
EAN / UPC / JAN	828132538082
Announce Date	2026-07-07
End of Support	2032-12-30

FAQ

Is the memory on this laptop upgradeable?

No, the Lenovo ThinkBook 14x features 16GB of LPDDR5X memory that is soldered directly to the motherboard with no

available slots for upgrades.

Can I expand the storage beyond the included 512GB SSD?

Yes, this notebook includes two M.2 slots (one 2242 and one 2280), allowing you to install up to two drives with a maximum support of 1TB per slot.

Does the display support touch or pen input for digital art?

No, this model features a standard non-touch WUXGA IPS panel that does not support a stylus or pen input.

What security features are included to protect my data?

The ThinkBook 14x comes equipped with an integrated fingerprint reader in the power button, an IR camera for Windows Hello facial recognition, and a physical privacy shutter for the webcam.

Is this laptop suitable for connecting multiple external monitors?

Yes, it includes HDMI 2.1 output capable of supporting up to 4K resolution at 60Hz, along with two USB-C ports that support DisplayPort 1.4 for additional connectivity.

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-22BG0076ZA-Lenovo-ThinkBook-14x-Ip-340775.php

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