ComX Computers
Product Specification Sheet

P14s 21XJ0011ZA

Lenovo Thinkpad P14s gen7 Core Ultra 3 Notebook Ultra 7 356H 4.7GHz 32GB 1TB 14.5" WUXGA RTX Pro 500 6GB BT Win 11 Pro

Product Overview

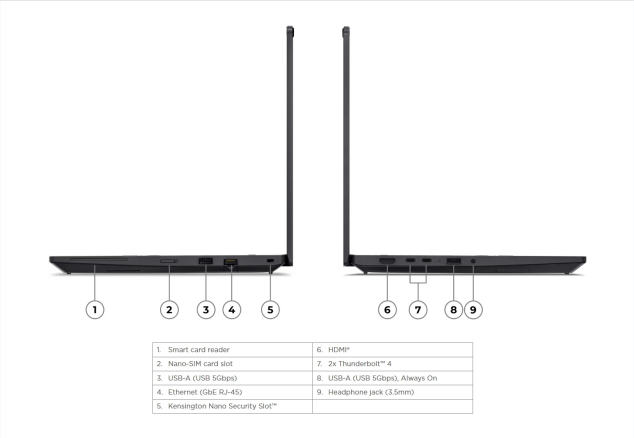
Lenovo Thinkpad P14s gen7 Series Core Ultra Series 3 P14s 21XJ0011ZA Black Notebook, Intel Core Ultra 7 356H Series 3 Sixteen (16) Core Panther Lake Turbo Boost up to 4.7Ghz 12MB L3 Cache Processor (4 Perfomance Cores & 8 Efficient-cores & 4 Low Power Efficient Cores), 32GB LPCAMM2 LPDDR5X-7567 Memory, Supports 96GB Max Mem, 1 Memory slot, 1TB SSD Solid State Hard Drive PCIe, M.2 2280 slot, NO optical drive (No CD), 14.5" WUXGA (1920 x 1200 resolution) Non Gloss Type IPS, 400nits LED Backlit Display, nVidia RTX Pro 500 6GB dedicated graphics, Intel NPU Peak 50 TOPS, Wi-Fi 7, 10/100/1000 Gigabit Ethernet LAN, Bluetooth, Webcam, Fingerprint Reader, Backlit Keyboard, 2x USB-A (USB 5Gbps / USB 3.2 Gen 1), 2x Thunderbolt 4 with USB PD 3.1 / DisplayPort 2.1 140W input / 15W output/, HDMI output, SD Express Card Reader, Kensington Nano Security Slot, 1.7 kg, Microsoft Windows 11 Professional 64 bit, 3 Year Carry in warranty











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

Specifications

Summary Overview:

The Lenovo ThinkPad P14s Gen 7 is a premium mobile workstation built for professionals who need reliable performance, advanced AI capabilities and professional graphics in a compact 14.5-inch design. Powered by an Intel Core Ultra 7 processor, 32GB memory, a fast 1TB PCIe SSD and NVIDIA RTX Pro 500 graphics, it is ideal for demanding business, engineering and creative workloads. Buy now and enjoy a powerful Windows 11 Pro laptop designed for productivity wherever you work.

The ThinkPad P-series has earned a strong reputation among engineers, architects, developers, designers and business professionals for its dependable build quality, excellent keyboard, enterprise security and long-term reliability. Buyers also appreciate the balance between portability and workstation-class performance, making it a popular choice for office users, remote professionals and technical specialists looking for a durable daily work laptop. Shop now to equip your business with a professional-grade mobile workstation.

Laptop performance tier: High-End Mobile Workstation

Uses:CAD, 3D modelling, engineering applications, software development, AI workloads, content creation, video editing, photo editing, business productivity, data analysis, virtualization, office work, remote work, multitasking

Overview:

Lenovo ThinkPad P14s Gen 7 Professional Laptop

The Lenovo ThinkPad P14s Gen 7 is a powerful mobile workstation designed for professionals who need strong performance in a compact 14.5-inch business laptop. Powered by the Intel Core Ultra 7 356H Series 3 processor and NVIDIA RTX PRO 500 graphics, this notebook delivers workstation-class capability for demanding productivity, engineering, design, content creation, and AI-assisted workloads.

With 32GB LPCAMM2 LPDDR5X memory, a fast 1TB PCIe NVMe SSD, and built-in AI processing through Intel NPU technology, the ThinkPad P14s Gen 7 provides a responsive experience for modern professional applications. Its lightweight aluminium design, advanced security features, and enterprise-focused connectivity make it suitable for users who need reliable performance while working on the move.

Description

The Lenovo ThinkPad P14s Gen 7 (Model 21XJ0011ZA) combines professional-grade performance with the portability of a thin and lightweight notebook. The Intel Core Ultra 7 processor features multiple performance and efficiency cores with Turbo Boost speeds up to 4.7GHz, helping handle complex workloads smoothly.

The dedicated NVIDIA RTX PRO 500 Blackwell graphics with 6GB GDDR7 memory provides enhanced graphics performance for professional applications, 3D workloads, technical software, and creative projects. AI-powered features are supported by the integrated Intel NPU delivering up to 50 TOPS of AI processing capability.

The 14.5-inch WUXGA IPS display offers a sharp 1920 x 1200 resolution, anti-glare viewing, 400 nits brightness, and low blue light technology for comfortable extended use. The compact screen size combined with the high screen-to-body ratio makes this laptop practical for professionals who need mobility without sacrificing usability.

Features:

Performance and Storage

- Intel Core Ultra 7 356H Series 3 processor
- 16-core design with Turbo Boost up to 4.7GHz
- Intel NPU with up to 50 TOPS AI performance
- NVIDIA RTX PRO 500 6GB GDDR7 professional graphics
- 32GB LPCAMM2 LPDDR5X memory
- 1TB PCIe 4.0 NVMe SSD storage

Professional Display and Design

- 14.5-inch WUXGA IPS display
- 1920 x 1200 resolution
- 400 nits brightness
- Anti-glare screen with Eyesafe low blue light technology
- Aluminium chassis in black finish
- Lightweight design from approximately 1.63kg

Connectivity and Expansion

The ThinkPad P14s Gen 7 offers modern connectivity options for professional environments, including fast wireless networking and versatile USB connections.

- Intel Wi-Fi 7 and Bluetooth 5.4
- Gigabit Ethernet LAN
- 2x Thunderbolt 4 ports
- USB-C Power Delivery and DisplayPort support
- 2x USB-A ports
- HDMI 2.1 output
- 3.5mm audio combo jack
- Kensington Nano security slot

Security and Business Features

Designed for professional users, the ThinkPad P14s Gen 7 includes advanced security features to protect data and improve workplace productivity.

- Fingerprint reader integrated into power button
- IR camera with Windows Hello facial recognition
- 5MP webcam with privacy shutter
- TPM 2.0 security chip
- Human presence detection
- Bottom cover tamper detection

Operating System

The Lenovo ThinkPad P14s Gen 7 comes with Microsoft Windows 11 Pro, providing business-focused tools, enhanced security, and support for professional workflows.

Product Details

- Model: 21XJ0011ZA
- Processor: Intel Core Ultra 7 356H Series 3
- Memory: 32GB LPCAMM2 LPDDR5X

- Storage: 1TB PCIe NVMe SSD
- Graphics: NVIDIA RTX PRO 500 6GB
- Display: 14.5-inch WUXGA IPS
- Wireless: Wi-Fi 7
- Operating System: Windows 11 Pro
- Colour: Black

Ideal For

The Lenovo ThinkPad P14s Gen 7 is suited for professionals, engineers, designers, developers, architects, and business users who require a portable workstation with strong processing power, dedicated graphics, and modern AI capabilities.

Specifications:

ThinkPad P14s Gen 7 (Intel)	
Model	21XJ0011ZA
PERFORMANCE	
Processor	Intel Core Ultra 7 356H, 16C (4P + 8E + 4LPE) / 16T, Max Turbo up to 4.7GHz, 18MB Intel Smart Cache
AI PC Category	Copilot + PC, AI-Ready Workstations
NPU	Up to 50 TOPS
Graphics	NVIDIA RTX PRO 500 Blackwell Generation 6GB GDDR7 Laptop GPU
Chipset	Intel SoC Platform
Memory	32GB LPCAMM2 LPDDR5X-7467
Memory Slots	One LPCAMM2 connector, dual-channel
Max Memory	Up to 96GB (1x 96GB LPCAMM2), upgradable
Storage	1TB SSD M.2 2280 PCIe 4.0x4 NVMe Opal 2.0
Storage Slot	One M.2 2280 PCIe 5.0 x4 slot
Max Storage Support	Up to one 2TB M.2 2280 Gen 5 Performance SSD
Card Reader	No card reader
Audio Chip	SoundWire, Realtek ALC722-CG codec
Speakers	Stereo speakers, 2W x2, Dolby Atmos
Microphone	2x, Array
Camera	5.0MP + IR with Privacy Shutter, HDR and Computer Vision Human Presence Detection
Battery	75Wh
Power Adapter	100W USB-C Slim (3-pin)
DESIGN	
Display	14.5" WUXGA (1920x1200) IPS 400nits Anti-glare, 45% NTSC, 60Hz, Eyesafe, UL Low Blue Light
Touchscreen	None
Screen-to-Body Ratio	88.51%
Color Calibration	AICCP Color Calibration
Pen	Pen Not Supported

Keyboard	Backlit, English (EU)
Dimensions (WxDxH)	325.2 x 226.3 x 11.7 / 16.22 (front / rear), 22.2 (maximum) mm 12.80 x 8.91 x 0.46 / 0.64 (front / rear), 0.87 (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	Lenovo AI Now
CONNECTIVITY	
WLAN + Bluetooth	Intel Wi-Fi 7 BE211, 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 5Gbps / USB 3.2 Gen 1), Always On
	2x Thunderbolt 4, with USB PD 3.1 and DisplayPort 2.1, 140W input / 15W output
	1x HDMI 2.1, up to 4K/60Hz
	1x Headphone / microphone combo jack (3.5mm)
	1x Ethernet (GbE RJ-45)
	1x Kensington Nano Security Slot
Optional Ports (configured)	None
Docking	Various docking solutions supported via Thunderbolt or USB-C. For more compatible docking solutions, please visit Docking for ThinkPad P14s Gen 7 (Intel)
SECURITY & PRIVACY	
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	Computer Vision-based Human Presence Detection
	Bottom cover tamper detection
	Camera privacy shutter
	IR camera for Windows Hello (facial recognition)
MANAGEABILITY	
System Management	Non-vPro
ACCESSORIES	

Bundled Accessories	None
CERTIFICATIONS	
ISV Certifications	Please visit ISV certifications for Lenovo Workstations
Green Certifications	ENERGY STAR 9.0
	EPEAT Gold Registered
	RoHS compliant
	TCO Certified, generation 10
Mil-Spec Test	MIL-STD-810H military test passed
Other Certifications	Eyesafe Certified 2.0
	UL Low Blue Light
MODEL INFORMATION	
Model	21XJ0011ZA
Machine Type	21XJ
Region	MEA
Country/Region	South Africa
TopSeller	Yes
EAN / UPC / JAN	199275485411
Announce Date	2026-05-24
End of Support	2032-12-15

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-P14s-21XJ0011ZA-Lenovo-Thinkpad-lp-338740.php

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

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

PDF generated: 2026-11-05 16:55:08.

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.