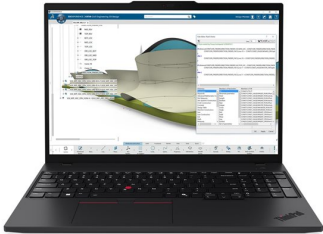


Lenovo ThinkPad P16s Gen 4 - 16" - Intel Core Ultra 7 - 255H - 32 GB RAM - 1 TB SSD - UK (21QV000TUK)

Lenovo ThinkPad P16s Gen 4 21QV - 180-degree hinge design - Intel Core Ultra 7 - 255H / up to 5.1 GHz - Win 11 Pro - NVIDIA RTX PRO 500 Blackwell / Intel Arc 140T - 32 GB RAM - 1 TB SSD TCG Opal Encryption 2, NVMe, Performance - 16" IPS 1920 x 1200 - Gigabit Ethernet - Wi-Fi 7, Bluetooth - black - kbd: UK - with 1 Year Lenovo Premier Support, CO2 Offset 0.5 ton (2nd Gen)



The Lenovo ThinkPad P16s Gen 4 is designed for professionals seeking a reliable and powerful workstation. Featuring a 16-inch widescreen display with Low Blue Light technology, this laptop provides a comfortable viewing experience while reducing eye strain. The device is equipped with a dual array microphone and stereo speakers, ensuring high definition audio for clear communication during video calls and meetings. With advanced security features like a fingerprint reader and IR camera for Windows Hello, this laptop prioritizes your privacy and data safety. Powered by the Intel Core Ultra 7 processor and equipped with DDR5 SDRAM, the Lenovo ThinkPad P16s offers impressive performance for multitasking and demanding applications. The inclusion of an SSD ensures quick boot times and fast data access, while the comprehensive connectivity options, including Thunderbolt 4 and multiple USB 3.0 ports, make it easy to connect to various devices. Built to withstand challenging environments, this laptop features MIL-STD-810H testing and an aluminum case, offering durability and reliability for your professional needs.

Key Selling Points

- 16-inch widescreen display with Low Blue Light technology
- Advanced security features like fingerprint reader and IR camera
- Powered by Intel Core Ultra 7 with 16 cores
- Robust connectivity options including Thunderbolt 4
- Durable aluminum casing with MIL-STD-810H testing

Product Features

- Powerful audio capabilities**
Equipped with dual array microphones and high definition audio compliance, the Lenovo ThinkPad P16s Gen 4 ensures clear communication during calls. The Dolby Audio and stereo speakers provide a rich sound experience for multimedia applications.
- High resolution webcam**
The built-in 5 megapixel webcam features a privacy shutter and IR capability for Windows Hello. This ensures secure logins and adds a layer of protection when not in use.
- Exceptional processing power**
Featuring an Intel Core Ultra 7 processor with 16 cores, this device is designed for high-performance computing, allowing for seamless multitasking and efficient processing of demanding applications.
- Robust security features**
With a fingerprint reader and a Discrete Trusted Platform Module (TPM 2.0) security chip, the Lenovo ThinkPad P16s ensures that your data remains secure from unauthorized access.
- Versatile connectivity options**
This laptop includes multiple ports including two USB 3.0 ports, Thunderbolt 4, and HDMI, providing versatility for connecting various peripherals and displays.

Main Specifications

Product Description	Lenovo ThinkPad P16s Gen 4 - 16" - Intel Core Ultra 7 - 255H - 32 GB RAM - 1 TB SSD - UK
Product Type	Notebook - 180-degree hinge design
Operating System	Win 11 Pro - English
Processor	Intel Core Ultra 7 (Series 2) - 255H / 2 GHz, up to 5.1 GHz / 24 MB Cache
Neural Processor Unit (NPU)	Intel AI Boost - up to 13 TOPS
Memory	32 GB DDR5 (2 x 16 GB)
Storage	1 TB SSD - TCG Opal Encryption 2, NVMe, Performance
Display	16" 1920 x 1200 / WUXGA @ 60 Hz

Graphics	NVIDIA RTX PRO 500 Blackwell / Intel Arc 140T - up to 74 TOPS
Video Memory	6 GB GDDR7 SDRAM
Input Device	TrackPoint, UltraNav
Keyboard	UK
Keyboard Backlight	Yes
Numeric Keypad	Yes
Integrated Webcam	Yes
Microsoft Copilot	Yes
Networking	802.11a/b/g/n/ac/ax/be, Bluetooth 5.4, Gigabit Ethernet
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader, smart card reader
Colour	Black
Dimensions (WxDxH)	36.15 cm x 24.86 cm x 2.535 cm
Weight	1.82 kg
Localisation	Language: English / region: United Kingdom
Manufacturer Selling Program	Lenovo TopSeller
Environmental Standards	TCO Certified, generation 10, for notebooks, ENERGY STAR Qualified EPEAT Gold
Manufacturer Warranty	Base warranty - 3 years - pick-up and return ¦ Limited warranty - battery - 1 year ¦ Extended warranty - 1 year - on-site - response time: next business day
Bundled Services	1 Year Lenovo Premier Support, CO2 Offset 0.5 ton (2nd Gen)

Extended Specification

General

Product Type	Notebook - 180-degree hinge design
Operating System	Windows 11 Pro - English

Memory

RAM	32 GB (2 x 16 GB)
Max RAM Supported	96 GB
Technology	DDR5 SDRAM - non-ECC
Speed	5600 MT/s
Rated Speed	5600 MT/s
Form Factor	SO-DIMM 262-pin
Slots Qty	2
Empty Slots	0

Manufacturer Warranty

Service & Support	Base warranty - 3 years - pick-up and return ¦ Limited warranty - battery - 1 year ¦ Extended warranty - 1 year - on-site - response time: next business day
Bundled Services	1 Year Lenovo Premier Support, CO2 Offset 0.5 ton (2nd Gen)

Storage

Main Storage	1 TB SSD M.2 2280 PCIe 5.0 x4 - TCG Opal Encryption 2, NVMe Express (NVMe), Performance
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Miscellaneous

Colour	Black
Case Material	Aluminium (top), aluminium (bottom)
Security	Discrete Trusted Platform Module (TPM 2.0) Security Chip, fingerprint reader, smart card reader

Features	Administrator password, power-on password, RapidCharge, MIL-STD-810H tested, self-healing BIOS, NVMe password
Theft/Intrusion Protection	Security lock slot (cable lock sold separately)
Security Slot Type	Kensington nano security slot
Included Accessories	USB-C slim power adapter
Compliant Standards	RoHS, FIPS 140-2, TCG Certified, TÜV Rheinland Low Blue Light, Eyesafe Certified 2.0
Localization	Language: English / region: United Kingdom
Manufacturer Selling Program	Lenovo TopSeller

Environmental Parameters

Min Operating Temperature	5 °C
Max Operating Temperature	35 °C
Humidity Range Operating	8 - 95%

Software

Software Included	Lenovo AI Now
Microsoft Copilot	Yes

Display

Type	16" - IPS
Resolution	1920 x 1200 (WUXGA)
V-Sync Rate at Max Res.	60 Hz
Widescreen	Yes
Image Aspect Ratio	16:10
Image Brightness	400 cd/m²
Horizontal Viewing Angle	+85 / -85
Vertical Viewing Angle	+85 / -85
Colour Gamut	45% NTSC
Features	Anti-glare, Low Blue Light technology, 88% screen-to-body ratio, DC dimming, AICCP colour calibration

Battery

Technology	Lithium polymer
Capacity	75 Wh

Communications

Wireless	802.11a/b/g/n/ac/ax/be, Bluetooth 5.4
Wireless Controller	Intel WI-FI 7 BE201
Network Interface	Gigabit Ethernet
Ethernet Controller	Intel I219-V
Features	Wake-on-LAN (WOL), dual stream (2x2)

Dimensions & Weight

Dimensions (WxDxH)	36.15 cm x 24.86 cm x 2.535 cm
Weight	1.82 kg

Processor / Chipset

CPU	Intel Core Ultra 7 (Series 2) 255H / 2 GHz
Max Turbo Speed	5.1 GHz
Number of Cores	16-core
Performance Cores	6
Efficient Cores	10

Cache	24 MB
Features	Integrated memory controller

Audio & Video

Multi-GPU Configuration	1 single GPU card / integrated GPU
Graphics Processor	NVIDIA RTX PRO 500 Blackwell / Intel Arc 140T - up to 74 TOPS
Video Memory	6 GB GDDR7 SDRAM
Max Monitors Supported	3 external monitor(s)
Camera	Yes
Resolution	5 Megapixel
Camera Features	Privacy shutter, IR camera, Windows Hello, fixed focus, Temporal Noise Reduction, Ultrasonic Human Presence Detection
Sound	Stereo speakers, dual array microphone
Codec	Realtek ALC3287
Compliant Standards	High Definition Audio, Dolby Audio
Audio Features	Input: Dolby Voice

Input

Type	Keyboard, TrackPoint, UltraNav
Keyboard Backlight	Yes
Keyboard Layout	UK
Numeric Keypad	Yes
Features	Multimedia control, spill-resistant, multi-touch touchpad, Copilot key

AC Adapter

Input	AC 100-240 V (50/60 Hz)
Output	100 Watt

Connections & Expansion

Interfaces Details	USB 3.2 Gen 1 USB 3.2 Gen 1 (Always On) HDMI (4K support) Headphone/microphone combo jack (mini-phone 3.5 mm) LAN (RJ-45) 2 x Thunderbolt 4 (Power Delivery 3.0)
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Sustainability Information

TCO Certified	- TCO Certified, generation 10, for notebooks
EPEAT Compliant	EPEAT Gold
ENERGY STAR Certified	Yes

Neural Processor Unit (NPU)

Neural Processor Unit (NPU)	Intel AI Boost
NPU Performance Up To (TOPS)	13 TOPS
Total Processor Performance Up To (TOPS)	96 TOPS
AI Datatype Support on NPU	INT8
Sparsity Support	Yes
AI Software Frameworks Supported by NPU	DirectML, OpenVINO, WebNN, WindowsML, ONNX RT
Windows Studio Effects Support	Yes