

Lenovo ThinkPad P1 Gen 8 Copilot+ PC Intel Core Ultra 7 255H Mobile workstation 40.6 cm (16") WQUXGA 64 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA RTX PRO 2000 Blackwell Wi-Fi 7 (802.11be) Windows 11 Pro Black German

Gamintojas: LENOVO · Modelis: 21Q8003PGE · EAN: 199275348167 · Prekės kodas: 510923



24 546,89 €

Kaina su PVM

Be PVM: 20 286,69 €

Neturime



Prekė internetu

Nuskenaukite kodą arba apsilankykite www.shopro.lt

Pagrindinės savybės

- ✓ Windows 11 Pro
- ✓ Intel Core Ultra 7 255H (24MB Cache)
- ✓ 16" WQUXGA 3840 x 2400 IPS, NVIDIA RTX PRO 2000 Blackwell (8GB GDDR7)
- ✓ 64GB (7467MHz) LPDDR5x-SDRAM & 1000GB SSD

Aprašymas

RELENTLESS PERFORMANCE

Portable Power With Next-Level Efficiency

The 16" Lenovo ThinkPad P1 Gen 8 mobile workstation delivers elite performance in a sleek, lightweight design. Powered by Intel® Core™ Ultra (Series 2) processors and up to NVIDIA RTX PRO™ 2000 Blackwell Generation graphics, it's built for developers, CAD specialists and creative professionals who demand power without the bulk.

AI-ENHANCED WORKFLOWS

Streamline. Automate. Dominate.

Transform the way you work and boost productivity with advanced AI processing power. Streamline workflows, automate tasks, and work smarter with AI-powered tools that seamlessly integrate into professional applications, enabling faster iterations and more efficient content creation. Perfect for professionals who need quick, effective results.

IMMERSIVE DISPLAY

Sharper, Brighter, Smarter

The 16" ThinkPad P1 Gen 8 elevates visuals with advanced display options, including Tandem OLED (T-OLED) technology. Experience stunning color accuracy, deep contrast, and exceptional brightness for an immersive viewing experience. Perfect for power users, it offers superior outdoor visibility and power efficiency, ensuring vibrant visuals on the go.

CREDIBILITY & COLLABORATION

Sustainability

Our goal is to provide smarter technology that builds a brighter, more sustainable future for our customers, communities, and the planet. That's why we pursue industry leading labels and certifications that demonstrate our commitment to sustainability in product design. Together, we can build a smarter future for all.

Techninė specifikacija

Design	
Product type	Mobile workstation
Product colour	Black
Form factor	Clamshell
Housing material	Aluminium
Display back cover material	Aluminium
Certified refurbished	No
Display	
Display diagonal	40.6 cm (16")
Display resolution	3840 x 2400 pixels
Touchscreen	No
HD type	WQUXGA
Panel type	IPS
LED backlight	Yes
Native aspect ratio	16:10
Anti-glare screen	Yes
Display brightness	800 cd/m²
RGB colour space	DCI-P3
Colour gamut	100%
Maximum refresh rate	60 Hz
Contrast ratio (typical)	1500:1
High Dynamic Range (HDR) supported	Yes
High Dynamic Range (HDR) technology	DisplayHDR 400, Dolby Vision
Processor	
Processor family	Intel Core Ultra 7
Processor manufacturer	Intel

Processor model	255H
Processor generation	Intel Core Ultra (Series 2)
Processor cores	16
Processor threads	16
Processor boost frequency	5.1 GHz
Performance cores	6
Efficient cores	8
Low Power Efficient-cores	2
Performance-core Max Turbo Frequency	5.1 GHz
Efficient-core Max Turbo Frequency	4.4 GHz
Low Power Efficient-core Max Turbo Frequency	2.5 GHz
Performance-core base frequency	2 GHz
Efficient-core base frequency	1.5 GHz
Low Power Efficient-core Base Frequency	700 MHz
Processor cache	24 MB
Processor cache type	Smart Cache
Processor socket	BGA 2049
Processor base power	28 W
Maximum turbo power	115 W
Neural processor unit (NPU)	
Copilot+ PC	Yes
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	Yes
Windows Studio effects support	Yes
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN
Total processor performance up to	96 TOPs
NPU performance up to	13 TOPs
GPU performance up to	74 TOPs
Memory	
Internal memory	64 GB
Maximum internal memory	64 GB
Internal memory type	LPDDR5x-SDRAM
Memory clock speed	7467 MHz
Memory form factor	LPCAMM2
Memory channels	Dual-channel

Storage	
Total storage capacity	1 TB
Storage media	SSD
Optical drive type	No
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
SSD interface	PCI Express 5.0
NVMe	Yes
SSD form factor	M.2
M.2 SSD size	2280 (22 x 80 mm)
Card reader integrated	Yes
Compatible memory cards	SD
Graphics	
On-board graphics card	Yes
Discrete graphics card	Yes
Discrete graphics card model	NVIDIA RTX PRO 2000 Blackwell
On-board graphics card model	Intel Arc 140T
Discrete GPU manufacturer	NVIDIA
Discrete graphics card memory	8 GB
Discrete graphics memory type	GDDR7
On-board GPU manufacturer	Intel
On-board graphics card family	Intel Arc Graphics
Audio	
Audio chip	Cirrus Logic CS42L43
Audio system	Dolby Atmos
Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	Yes
Number of microphones	2
Camera	
Front camera	Yes
Front camera resolution (numeric)	5 MP
Infrared (IR) camera	Yes

Privacy camera	Yes
Privacy type	Privacy shutter
Network	
Mobile network connection	No
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 7 BE201
WLAN controller manufacturer	Intel
Ethernet LAN	No
Bluetooth	Yes
Bluetooth version	5.4
Near Field Communication (NFC)	No
WWAN	Not installed
Ports & interfaces	
USB 2.0 ports quantity	0
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	0
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity	0
HDMI ports quantity	1
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
HDMI version	2.1
Thunderbolt 4 ports quantity	1
Thunderbolt 5 ports quantity	2
Intel® Thunderbolt 4	Yes
Intel® Thunderbolt 5	Yes
Combo headphone/mic port	Yes
USB Sleep-and-Charge	Yes
USB Sleep-and-Charge ports	1
Performance	
Motherboard chipset	Intel SoC
Keyboard	
Numeric keypad	No
Pointing device	ThinkPad UltraNav
Keyboard backlit	Yes

Spill-resistant keyboard	Yes
Keyboard language	German
Copilot key	Yes
Software	
Operating system installed	Windows 11 Pro
Operating system language	German
Bundled software	Intel Connectivity Performance Suite + Lenovo AI Now
Battery	
Battery capacity	90 Wh
Battery technology	Lithium-Ion (Li-Ion)
Fast charging	Yes
Power	
USB Type-C charging port	Yes
AC adapter power	140 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
USB Power Delivery (USB PD)	Yes
Security	
Cable lock slot	Yes
Cable lock slot type	Kensington
Fingerprint reader	Yes
Smart card reader	No
Windows Hello	Yes
Trusted Platform Module (TPM)	Yes
Trusted Platform Module (TPM) version	2
Password protection	Yes
Password protection type	Power on, SSD, Supervisor
Operational conditions	
Operating temperature (T-T)	5 - 35 °C
Storage temperature (T-T)	5 - 43 °C
Operating relative humidity (H-H)	8 - 95%
Storage relative humidity (H-H)	5 - 95%
Maximum shipping altitude	3048 m
Certificates	

Compliance certificates

RoHS

Certification

MIL-STD-810H military test passed Eyesafe Certified 2.0 Intel Evo Platform TÜV Rheinland Low Blue Light

Sustainability

Sustainability certificates

ENERGY STAR, EPEAT Gold, TCO

Weight & dimensions

Weight

1.84 kg

Width

354.3 mm

Depth

241 mm

Height (front)

9.9 mm

Height (rear)

1.58 cm

Packaging content

AC adapter included

Yes