

LENOVO

Laptop Lenovo ThinkPad P16v G3 / Ultra 7 255H / 32GB DDR5 / 512GB / 16" WUXGA IPS AG 60Hz / RTX Pro 500 / DE – Zezë

SKU: 14001089 · EAN: 0199275324581

SPECIFIKAT TEKNIKE

127 specifikat e produktit

ATRIBUTI	VLERA
Design	
Product type	Mobile workstation
Product colour	Black
Form factor	Clamshell
Housing material	Acrylonitrile butadiene styrene (ABS), Polycarbonate (PC)
Display back cover material	Aluminium
Display	
Display diagonal	40.6 cm (16")
Display resolution	1920 x 1200 pixels
Touchscreen	No
HD type	WUXGA
Panel type	IPS
LED backlight	Yes
Native aspect ratio	16:10
Anti-glare screen	Yes
Display brightness	400 cd/m ²
RGB colour space	NTSC
Colour gamut	45%
Maximum refresh rate	60 Hz
Processor	
Processor manufacturer	Intel
Processor family	Intel Core Ultra 7
Processor generation	Intel Core Ultra (Series 2)
Processor model	255H
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 base power	28 W
Maximum turbo power	115 W
Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Sparsity support	Yes
Windows Studio effects support	Yes
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML
Total processor performance up to	96 TOPs
NPU performance up to	13 TOPs
GPU performance up to	74 TOPs
Memory	
Internal memory	32 GB
Internal memory type	DDR5-SDRAM
Memory clock speed	5600 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 16 GB
Memory slots	2x SO-DIMM
Maximum internal memory	96 GB
Storage	
Total storage capacity	512 GB
Storage media	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 5.0

NVMe	Yes
SSD form factor	M.2
Optical drive type	No
Card reader integrated	Yes
Compatible memory cards	SD
Graphics	
Discrete GPU manufacturer	NVIDIA
Discrete graphics card model	NVIDIA RTX PRO 500 Blackwell
Discrete graphics card memory	6 GB
Discrete graphics memory type	GDDR7
On-board graphics card	Yes
On-board GPU manufacturer	Intel
Discrete graphics card	Yes
On-board graphics card family	Intel Arc Graphics
On-board graphics card model	Intel Arc 140T
Audio	
Audio chip	Realtek ALC3287
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	
Top Wi-Fi standard	Wi-Fi 7 (802.11be)
Wi-Fi standards	Wi-Fi 7 (802.11be)
Mobile network connection	No
Antenna type	2x2
WLAN controller manufacturer	Intel
Ethernet LAN	Yes
Ethernet LAN data rates	100,1000 Mbit/s
Bluetooth	Yes

Bluetooth version	5.4
Near Field Communication (NFC)	No
WWAN	Upgradable
Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity	1
HDMI version	2.1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	Yes
Combo headphone/mic port	Yes
USB Sleep-and-Charge	Yes
Performance	
Motherboard chipset	Intel SoC
Keyboard	
Pointing device	ThinkPad UltraNav
Numeric keypad	Yes
Keyboard backlit	Yes
Keyboard language	German
Software	
Operating system language	German
Operating system installed	Windows 11 Pro
Bundled software	Lenovo AI Now
Battery	
Battery capacity	90 Wh
Power	
AC adapter power	140 W
USB Type-C charging port	Yes
USB Type-C required charging power (min)	140 W
USB Type-C required charging power (max)	140 W
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	2.0
Certificates	
Certification	ENERGY STAR,TCO,EPEAT Gold,RoHS
Weight & dimensions	
Width	361.5 mm
Depth	248.6 mm
Height (front)	1.28 cm
Height (rear)	1.96 cm
Weight	2.1 kg
Packaging content	
AC adapter included	Yes