



Lenovo ThinkPad P16v Gen 3 (Intel) Intel Core Ultra 7 265H Mobile workstation 40.6 cm (16") WUXGA 32 GB DDR5-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Black



Brand : Lenovo **Product family:** ThinkPad **Product code:** 21RS0027US

Product name : ThinkPad P16v Gen 3 (Intel)

- Intel Core Ultra 7 265H, 16C (6P + 8E + 2LPE)/16T, Max Turbo up to 5.3GHz, 24MB Intel Smart Cache
- 16" WUXGA (1920x1200) IPS 500nits 100% sRGB 60Hz Low Power Eyesafe TÜV Low Blue Light
- 1x 32GB SODIMM DDR5-5600 Non-ECC
- 1TB SSD M.2 2280 PCIe 5.0x4 NVMe Opal 2.0
- NVIDIA RTX PRO 2000 Blackwell Generation 8GB GDDR7 Laptop GPU
- Windows 11 Pro

Intel Core Ultra 7 265H, 16C (6P + 8E + 2LPE)/16T, Max Turbo up to 5.3GHz, 24MB Intel Smart Cache, 1x 32GB SODIMM DDR5-5600 Non-ECC, 1TB SSD M.2 2280 PCIe 5.0x4 NVMe Opal 2.0, 16" WUXGA (1920x1200) IPS 500nits 100% sRGB 60Hz Low Power Eyesafe TÜV Low Blue Light, NVIDIA RTX PRO 2000 Blackwell Generation 8GB GDDR7 Laptop GPU, Intel Wi-Fi 7 BE201 802.11be 2x2 + BT5.4 vPro, Windows 11 Pro

Design		Network	
Product type *	Mobile workstation	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Product colour *	Black	Wi-Fi standards	Wi-Fi 7 (802.11be)
Form factor *	Clamshell	Mobile network connection *	✗
Housing material	Acrylonitrile butadiene styrene (ABS), Polycarbonate (PC)	Antenna type	2x2
Display back cover material	Aluminium	WLAN controller manufacturer	Intel
Display		Ethernet LAN	✓
Display diagonal *	40.6 cm (16")	Bluetooth	✓
Display resolution *	1920 x 1200 pixels	Bluetooth version	5.4
Touchscreen *	✗	Near Field Communication (NFC)	✗
HD type	WUXGA	WWAN	Not installed
Panel type	IPS	Ports & interfaces	
LED backlight	✓	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Native aspect ratio	16:10	Ethernet LAN (RJ-45) ports	1
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	500 cd/m²	HDMI version	2.1
RGB colour space	sRGB	Thunderbolt 4 ports quantity	2
Colour gamut	100%	Intel® Thunderbolt 4	✓
Maximum refresh rate	60 Hz	Combo headphone/mic port	✓
Processor		USB Sleep-and-Charge	✓
Processor manufacturer *	Intel	Performance	
Processor family *	Intel Core Ultra 7	Motherboard chipset	Intel SoC
Processor model *	265H	Keyboard	
Processor cores	16	Pointing device	ThinkPad UltraNav
Processor threads	16	Numeric keypad *	✓
Memory		Keyboard backlit	✓
Internal memory *	32 GB	Software	
Internal memory type	DDR5-SDRAM	Operating system installed *	Windows 11 Pro
Memory clock speed	5600 MHz	Bundled software	Lenovo AI Now + Intel Connectivity Performance Suite + ThinkShield Pro (SentinelOne, Sepio, Cigent) 1-year
Memory form factor	SO-DIMM		
Memory layout (slots x size)	1 x 32 GB		
Memory slots	2x SO-DIMM	Battery	
Maximum internal memory *	96 GB	Battery capacity *	90 Wh
Storage			
Total storage capacity *	1 TB		

Storage		Power	
Storage media *	SSD	AC adapter power	140 W
Total SSDs capacity	1 TB	USB Type-C charging port *	✓
Number of SSDs installed	1	USB Type-C required charging power (min) *	140 W
SSD capacity	1 TB	USB Type-C required charging power (max) *	140 W
SSD interface	PCI Express 5.0	USB Power Delivery (USB PD)	✓
NVMe	✓	Security	
SSD form factor	M.2	Cable lock slot	✓
Optical drive type *	✗	Cable lock slot type	Kensington
Card reader integrated	✓	Fingerprint reader	✓
Compatible memory cards	SD	Smart card reader	✗
Graphics		Windows Hello	✓
Discrete graphics card memory	8 GB	Trusted Platform Module (TPM)	✓
Discrete graphics memory type	GDDR7	Trusted Platform Module (TPM) version	2.0
Discrete graphics card *	✓	Certificates	
Audio		Certification	ENERGY STAR,TCO,EPEAT Gold,RoHS
Audio chip	Realtek ALC3287	Weight & dimensions	
Number of built-in speakers	2	Width	361.5 mm
Speaker power	2 W	Depth	248.6 mm
Built-in microphone	✓	Height (front)	1.28 cm
Number of microphones	2	Height (rear)	1.96 cm
Camera		Weight *	2.1 kg
Front camera	✓	Packaging content	
Front camera resolution (numeric)	5 MP	AC adapter included *	✓
Infrared (IR) camera	✓		
Privacy camera	✓		
Privacy type	Privacy shutter		



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