



LG Gram Pro Copilot+ PC Intel Core Ultra 9 285H Laptop 43.2 cm (17") WQXGA 32 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA® GeForce RTX™ 5050 Wi-Fi 7 (802.11be) Windows 11 Pro Black

Brand : LG

Product family: Gram Pro

Product code: 17Z90TR-E.AZB8U1

Product name : gram Pro

- 17" VRR (31Hz - 144Hz) 2.5K IPS display
- Windows 11 Pro with AI assistant Copilot, tools for productivity, creativity, and accessibility
- 1 TB storage & 32 GB memory to meet your evolving needs
- Intel®¹ Core™ Ultra 9 (Series 2) for cutting-edge AI power and next-gen efficiency
- NVIDIA RTX™ 5050 GPU fuels fast rendering, and smart efficiency
- An ultra-portable 17" IPS laptop that's just 3.26 lbs and only 0.6" thin
- Built-in webcam and MIC, along with Dolby ATMOS speakers make video conferencing easy
gram Pro 17 Inch, Windows 11 Pro, Lightweight Laptop, Intel® Core™ Ultra 9, RTX 5050, 32GB RAM, 1TB SSD, Black

Design		Storage	
Product type *	Laptop	Total SSDs capacity	1 TB
Product colour *	Black	Number of SSDs installed	2
Form factor *	Clamshell	SSD capacity	512 GB
Country of origin	China	SSD interface	PCI Express 4.0
Display		NVMe	✓
Display diagonal *	43.2 cm (17")	SSD form factor	M.2
Display resolution *	2560 x 1600 pixels	Optical drive type *	✗
Touchscreen *	✗	Graphics	
HD type	WQXGA	Discrete GPU manufacturer	NVIDIA
Panel type	IPS	Discrete graphics card model *	NVIDIA® GeForce RTX™ 5050
Native aspect ratio	16:10	Discrete graphics card memory	8 GB
Display brightness	400 cd/m²	Discrete graphics memory type	GDDR7
RGB colour space	DCI-P3	On-board graphics card *	✓
Colour gamut	99%	On-board GPU manufacturer	Intel
Maximum refresh rate	144 Hz	Discrete graphics card *	✓
Processor		On-board graphics card family	Intel Arc Graphics
Processor manufacturer *	Intel	On-board graphics card model *	Intel Arc 140T
Processor family *	Intel Core Ultra 9	Audio	
Processor generation	Intel Core Ultra (Series 2)	Audio system	Dolby Atmos
Processor model *	285H	Number of built-in speakers	4
Processor cores	16	Built-in microphone	✓
Processor threads	16	Number of microphones	2
Processor boost frequency	5.4 GHz	Camera	
Performance cores	6	Front camera	✓
Efficient cores	8	Front camera HD type	Full HD
Low Power Efficient-cores	2	Infrared (IR) camera	✓
Performance-core Max Turbo Frequency	5.4 GHz	Network	
Efficient-core Max Turbo Frequency	4.5 GHz	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Mobile network connection *	✗
Performance-core base frequency	2.9 GHz	Antenna type	2x2
Efficient-core base frequency	2.7 GHz	WLAN controller manufacturer	Intel
Low Power Efficient-core Base Frequency	1000 MHz	Bluetooth	✓
Processor cache	24 MB	Bluetooth version	5.4
Processor cache type	Smart Cache		
Processor socket	BGA 2049		

Processor		Ports & interfaces	
Processor base power	45 W	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Maximum turbo power	115 W	USB4 Gen 3x2 ports quantity	2
Neural processor unit (NPU)		HDMI ports quantity *	1
Copilot+ PC	✓	HDMI version	2.1
Neural processor unit (NPU)	Intel AI Boost	Intel® Thunderbolt 4	✓
Sparsity support	✓	Combo headphone/mic port	✓
Windows Studio effects support	✓	Keyboard	
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Numeric keypad *	✓
Total processor performance up to	99 TOPs	Keyboard backlit	✓
NPU performance up to	13 TOPs	Software	
GPU performance up to	77 TOPs	Operating system installed *	Windows 11 Pro
Memory		Battery	
Internal memory *	32 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	LPDDR5x-SDRAM	Battery capacity *	90 Wh
Memory clock speed	8400 MHz	Continuous video playback time (max)	27 h
Memory form factor	On-board	Power	
Maximum internal memory *	32 GB	AC adapter power	100 W
Storage		USB Type-C charging port *	✓
Total storage capacity *	1 TB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Weight & dimensions	
		Width	379.4 mm
		Depth	265.4 mm
		Height	14.5 mm
		Weight *	1.47 kg
		Packaging content	
		AC adapter included *	✓



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