



LG Gram 17 Copilot+ PC Intel Core Ultra 7 256V Laptop 43.2 cm (17") Touchscreen WQXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Home Black QWERTY US English

Brand : LG

Product family: Gram

Product code: 17Z90TL-H.AUB3U1

Product name : gram 17

17 Inch, Copilot+ PC, Thin and Lightweight Laptop, Windows 11 Home, Intel Evo Edition - Intel Core Ultra 7, 16GB RAM, 512GB SSD, Black

LG Gram 17. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 256V. Display diagonal: 43.2 cm (17"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels, Touchscreen. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 140V. Operating system installed: Windows 11 Home. Product colour: Black

Design		Storage	
Colour name	Obsidian Black	NVMe	✓
Product type *	Laptop	SSD form factor	M.2
Product colour *	Black	Optical drive type *	✗
Form factor *	Clamshell	Graphics	
Housing material	Magnesium	Discrete graphics card model *	Not available
Certified refurbished	✗	On-board graphics card *	✓
Display		On-board GPU manufacturer	Intel
Display diagonal *	43.2 cm (17")	Discrete graphics card *	✗
Display resolution *	2560 x 1600 pixels	On-board graphics card family	Intel Arc Graphics
Touchscreen *	✓	On-board graphics card model *	Intel Arc Graphics 140V
HD type	WQXGA	Audio	
Panel type	IPS	Audio system	Dolby Atmos
Native aspect ratio	16:10	Number of built-in speakers	2
Anti-reflective coating	✓	Speaker power	2 W
Display brightness	320 cd/m²	Built-in microphone	✓
Display diagonal (metric)	43.18 cm	Number of microphones	2
RGB colour space	DCI-P3	Camera	
Colour gamut	99%	Front camera	✓
Maximum refresh rate	60 Hz	Front camera HD type	Full HD
Processor		Network	
Processor manufacturer *	Intel	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor family *	Intel Core Ultra 7	Mobile network connection *	✗
Processor generation	Intel Core Ultra (Series 2)	WLAN controller model	Intel Wi-Fi 7 BE201
Processor model *	256V	Bluetooth	✓
Processor cores	8	Bluetooth version	5.3
Processor threads	8	Ports & interfaces	
Processor boost frequency	4.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Performance cores	4	USB4 Gen 3x2 ports quantity	2
Low Power Efficient-cores	4	HDMI ports quantity *	1
Performance-core Max Turbo Frequency	4.8 GHz	HDMI version	2.1
Low Power Efficient-core Max Turbo Frequency	3.7 GHz	Intel® Thunderbolt 4	✓
Performance-core base frequency	2.2 GHz	Combo headphone/mic port	✓
Low Power Efficient-core Base Frequency	2200 MHz	USB Type-C DisplayPort Alternate Mode	✓
Processor cache	12 MB		
Processor cache type	Smart Cache		
Processor socket	BGA 2833		
Processor base power	17 W		

Processor		Keyboard	
Maximum turbo power	37 W	Pointing device	Touchpad + Scroll zone
Neural processor unit (NPU)		Numeric keypad *	✓
Copilot+ PC	✓	Keyboard backlit	✓
Neural processor unit (NPU)	Intel AI Boost	Keyboard number of keys	100
Sparsity support	✓	Keyboard layout	QWERTY
Windows Studio effects support	✓	Keyboard language	US English
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Copilot key	✓
Total processor performance up to	115 TOPs	Software	
NPU performance up to	47 TOPs	Operating system installed *	Windows 11 Home
GPU performance up to	64 TOPs	Battery	
Memory		Battery technology	Lithium-Ion (Li-Ion)
Internal memory *	16 GB	Battery capacity *	77 Wh
Internal memory type	LPDDR5x-SDRAM	Power	
Memory channels	Dual-channel	AC adapter power	65 W
Storage		USB Type-C charging port *	✓
Total storage capacity *	512 GB	USB Power Delivery (USB PD)	✓
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	512 GB	Password protection	✓
		Password protection type	SSD
		Weight & dimensions	
		Width	378.8 mm
		Depth	258.8 mm
		Height	17.8 mm
		Weight *	1.46 kg
		Packaging content	
		AC adapter included *	✓



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