



## LG Gram Pro 17Z90TP-G Intel Core Ultra 7 155H Laptop 43.2 cm (17") WQXGA 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Black



**Brand :** LG

**Product family:** Gram Pro

**Product code:** 17Z90TP-G.AD88A1

**Product name :** 17Z90TP-G

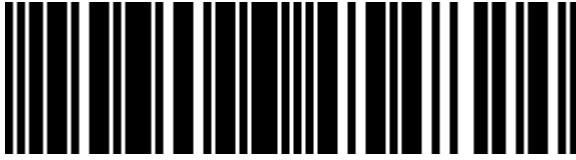
- 17" 16:10 WQXGA (2560x1600) IPS LCD display
- AI assistant Copilot in Windows 11
- AI optimized Intel® Arrow Lake H Processor / LPDDR5x RAM / NVMe Gen4 SSD
- gram AI / LG gram Link
- 1,369g Lightweight / 77Wh smart battery
- 31-144Hz Variable Refresh Rate (VRR)

17" WQXGA (2560 x 1600), 400nit, 32GB RAM, 1 TB NVMe Gen4, Intel® Arrow Lake Processor Ultra7 255H, gram AI, BT 5.4, WiFi-7, 77 Wh Li-Ion, Obsidian Black, Windows 11 Home

LG Gram Pro 17Z90TP-G. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 43.2 cm (17"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Operating system installed: Windows 11 Home. Product colour: Black. Weight: 1.37 kg

Design		Graphics	
Colour name	Obsidian Black	Discrete graphics card model *	Not available
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Black	On-board GPU manufacturer	Intel
Form factor *	Clamshell	Discrete graphics card *	✗
Housing material	Magnesium	On-board graphics card family	Intel Arc Graphics
Country of origin	China	On-board graphics card model *	Intel Arc Graphics
Original brand name	LG	Audio	
Display		Audio system	Dolby Atmos
Display diagonal *	43.2 cm (17")	Number of built-in speakers	2
Display resolution *	2560 x 1600 pixels	Speaker power	3 W
Touchscreen *	✗	Built-in microphone	✓
HD type	WQXGA	Number of microphones	2
Panel type	IPS	Camera	
Native aspect ratio	16:10	Front camera	✓
Anti-glare screen	✓	Front camera resolution	1920 x 1080 pixels
Display brightness	400 cd/m²	Front camera HD type	Full HD
Display diagonal (metric)	43.18 cm	Infrared (IR) camera	✓
RGB colour space	DCI-P3	Network	
Colour gamut	99%	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Maximum refresh rate	144 Hz	Wi-Fi standards	Wi-Fi 7 (802.11be)
Contrast ratio (typical)	1500:1	Mobile network connection *	✗
Processor		Antenna type	2x2
Processor manufacturer *	Intel	WLAN controller model	Intel Wi-Fi 6E AX211
Processor family *	Intel Core Ultra 7	WLAN controller manufacturer	Intel
Processor generation	Intel® Core™ Ultra (Series 1)	Bluetooth	✓
Processor model *	155H	Bluetooth version	5.4
Processor cores	16	Ports & interfaces	
Processor threads	16	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor boost frequency	5.1 GHz	HDMI ports quantity *	1
Performance cores	6	Thunderbolt 4 ports quantity	2
Efficient cores	8	Intel® Thunderbolt 4	✓
Low Power Efficient-cores	2		
Performance-core Max Turbo Frequency	5.1 GHz		

Processor		Ports & interfaces	
Efficient-core Max Turbo Frequency	4.4 GHz	Combo headphone/mic port	✓
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	USB Type-C DisplayPort Alternate Mode	✓
Performance-core base frequency	2 GHz	<b>Keyboard</b>	
Efficient-core base frequency	1.5 GHz	Pointing device	Touchpad
Low Power Efficient-core Base Frequency	700 MHz	Numeric keypad *	✓
Processor cache	24 MB	Keyboard backlit	✓
Processor cache type	Smart Cache	Full-size keyboard	✓
Processor base power	28 W	Keyboard number of keys	101
Maximum turbo power	115 W	Keyboard layout	QWERTY
Neural processor unit (NPU)		Software	
Neural processor unit (NPU)	Intel AI Boost	Operating system installed *	Windows 11 Home
Sparsity support	✓	<b>Battery</b>	
Windows Studio effects support	✓	Battery technology	Lithium-Ion (Li-Ion)
AI datatype support on NPU	Int8	Battery capacity *	77 Wh
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, WebNN, Windows ML	<b>Power</b>	
Memory		AC adapter power	65 W
Internal memory *	32 GB	USB Type-C charging port *	✓
Internal memory type	LPDDR5x-SDRAM	USB Type-C required charging power (max) *	65 W
Memory channels	Dual-channel	USB Power Delivery (USB PD)	✓
Storage		<b>Security</b>	
Total storage capacity *	1 TB	Cable lock slot	✓
Storage media *	SSD	Cable lock slot type	Kensington
Total SSDs capacity	1 TB	<b>Weight &amp; dimensions</b>	
Number of SSDs installed	1	Width	379.4 mm
SSD capacity	1 TB	Depth	265.4 mm
SSD interface	PCI Express 4.0	Height	14.6 mm
NVMe	✓	Weight *	1.37 kg
SSD form factor	M.2	<b>Packaging data</b>	
Optical drive type *	✗	Package width	499 mm
		Package depth	60 mm
		Package height	307 mm
		Package weight	2.45 kg
		<b>Packaging content</b>	
		AC adapter included *	✓



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