



LG Gram Pro 17Z90SP-G.AA78A1 laptop Intel Core Ultra 7 155H 43.2 cm (17") WQXGA 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black



Brand : LG

Product family: Gram Pro

Product code: 17Z90SP-G.AA78A1

Product name : 17Z90SP-G.AA78A1

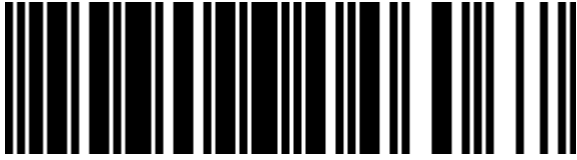
Intel Core Ultra 7 155H (24MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 43.2 cm (17") WQXGA 2560 x 1600 IPS, Intel Arc Graphics, Webcam, Windows 11 Home

LG Gram Pro 17Z90SP-G.AA78A1. 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: 16 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: 1.29 kg

Design		Storage	
Product type *	Laptop	NVMe	✓
Product colour *	Black	SSD form factor	M.2
Form factor *	Clamshell	Optical drive type *	✗
Original brand name	LG	Graphics	
Display		Discrete graphics card model *	Not available
Display diagonal *	43.2 cm (17")	On-board graphics card *	✓
Display resolution *	2560 x 1600 pixels	On-board GPU manufacturer	Intel
Touchscreen *	✗	Discrete graphics card *	✗
HD type	WQXGA	On-board graphics card family	Intel Arc Graphics
Panel type	IPS	On-board graphics card model *	Intel Arc Graphics
Native aspect ratio	16:10	On-board graphics card 4K support	✓
Anti-glare screen	✓	On-board graphics card 6K support	✓
Display brightness	400 cd/m ²	Graphics card Open GL support	✓
Display diagonal (metric)	43.2 cm	Audio	
RGB colour space	DCI-P3	Audio system	Dolby Atmos
Colour gamut	99%	Number of built-in speakers	2
Maximum refresh rate	144 Hz	Speaker power	3 W
Contrast ratio (typical)	1500:1	Built-in microphone	✓
Processor		Number of microphones	2
Processor manufacturer *	Intel	Camera	
Processor family *	Intel Core Ultra 7	Front camera	✓
Processor generation	Intel® Core™ Ultra (Series 1)	Front camera resolution	1920 x 1080 pixels
Processor model *	155H	Front camera HD type	Full HD
Processor cores	16	Infrared (IR) camera	✓
Processor threads	22	Network	
Processor boost frequency	4.8 GHz	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Performance cores	6	Mobile network connection *	✗
Efficient cores	8	Antenna type	2x2
Low Power Efficient-cores	2	WLAN controller model	Intel Wi-Fi 6E AX211
Performance-core Max Turbo Frequency	4.8 GHz	WLAN controller manufacturer	Intel
Efficient-core Max Turbo Frequency	3.8 GHz	Bluetooth	✓
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Bluetooth version	5.3
Performance-core base frequency	1.4 GHz		

Processor		Ports & interfaces	
Efficient-core base frequency	0.9 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Low Power Efficient-core Base Frequency	700 MHz	USB4 Gen 3x2 ports quantity	2
Processor cache	24 MB	HDMI ports quantity *	1
Processor cache type	Smart Cache	Intel® Thunderbolt 4	✓
Processor base power	28 W	Headphone outputs	1
Maximum turbo power	115 W	Combo headphone/mic port	✓
Neural processor unit (NPU)		USB Type-C DisplayPort Alternate Mode	✓
Neural processor unit (NPU)	Intel AI Boost	USB Power Delivery	✓
Maximum frequency NPU	1.4 GHz	Keyboard	
Sparsity support	✓	Pointing device	Touchpad
Windows Studio effects support	✓	Numeric keypad *	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Software	
Memory		Operating system installed *	Windows 11 Home
Internal memory *	16 GB	Battery	
Internal memory type	LPDDR5x-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory clock speed	6400 MHz	Battery capacity *	77 Wh
Memory channels	Dual-channel	Power	
Storage		AC adapter power	65 W
Total storage capacity *	1 TB	Weight & dimensions	
Storage media *	SSD	Width	379.4 mm
Total SSDs capacity	1 TB	Depth	265.4 mm
Number of SSDs installed	1	Height (front)	1.26 cm
SSD capacity	1 TB	Height (rear)	1.29 cm
SSD interface	PCI Express 4.0	Weight *	1.29 kg
		Packaging data	
		Package weight	2.3 kg



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