

LG Gram Pro 17Z90SP-E.AA78A1 laptop Intel Core Ultra 7 155H 43.2 cm (17") WQXGA 16 GB LPDDR5x-SDRAM 1 TB SSD NVIDIA GeForce RTX 3050 Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : LG

Product family: Gram Pro

Product code: 17Z90SP-E.AA78A1

Product name : 17Z90SP-E.AA78A1

- Windows 11 Home

- Intel Core Ultra 7 155H (24MB Cache)
- 43.2 cm (17") WQXGA 2560 x 1600 IPS, NVIDIA GeForce RTX 3050 (4GB GDDR6)

- 16GB (7467MHz) LPDDR5x-SDRAM & 1000GB SSD

Intel Core Ultra 7 155H (24MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 43.2 cm (17") WQXGA 2560 x 1600 IPS, Intel Arc Graphics, NVIDIA GeForce RTX 3050 (4GB GDDR6), Webcam, Windows 11 Home LG Gram Pro 17Z90SP-E.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, Discrete graphics card model: NVIDIA GeForce RTX 3050. Operating system installed: Windows 11 Home. Product colour: Black

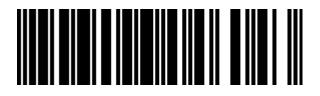






Design		Storage	
Product type * Product colour * Form factor *	Laptop Black Clamshell	NVMe SSD form factor Optical drive type *	✓ M.2 ★
Original brand name	LG	Graphics	
visplayDisplay diagonal *43.2 cm (17")Display resolution *2560 x 1600 pixelsDouchscreen *XID typeWQXGAanel typeIPSlative aspect ratio16:10unti-glare screen✓Display brightness400 cd/m²Display diagonal (metric)43.2 cmIGB colour spaceDCI-P3	2560 x 1600 pixels ★ WQXGA IPS 16:10 ↓ 400 cd/m ² 43.2 cm	Discrete graphics card model * Discrete graphics card memory Discrete graphics memory type On-board graphics card * On-board GPU manufacturer Discrete graphics card * On-board graphics card family On-board graphics card family On-board graphics card M support On-board graphics card 6K support Graphics card Open GL support	NVIDIA GEForce RTX 3050 4 GB GDDR6 Intel Intel Arc Graphics Intel Arc Graphics Intel Arc Graphics
Colour gamut	99%	Audio	
Maximum refresh rate Processor Processor manufacturer * Processor family *	144 Hz Intel Intel Core Ultra 7	Audio system Number of built-in speakers Speaker power Built-in microphone	Dolby Atmos 2 3 W
Processor generation	Intel [®] Core [™] Ultra (Series 1)	Camera	
Processor model * Processor cores Processor threads Processor boost frequency Performance cores	155H 16 22 4.8 GHz 6	Front camera Front camera resolution Front camera HD type Infrared (IR) camera	✓ 1920 x 1080 pixels Full HD ✓
Efficient cores	8	Network	
Low Power Efficient-cores Performance-core Max Turbo Frequency	2 4.8 GHz	Top Wi-Fi standard * Mobile network connection * Antenna type	Wi-Fi 6E (802.11ax) X 2x2
Efficient-core Max Turbo Frequency Low Power Efficient-core Max Turbo Frequency Performance-core base frequency	3.8 GHz 2.5 GHz 1.4 GHz	WLAN controller model WLAN controller manufacturer Bluetooth	Intel Wi-Fi 6E AX211 Intel
		Bluetooth version	5.3

Processor		Ports & interfaces	
Low Power Efficient-core Base Frequency	700 MHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor cache	24 MB	USB4 Gen 3x2 ports quantity	2
Processor cache type	Smart Cache	HDMI ports quantity *	1
Processor base power	28 W	Intel [®] Thunderbolt 4	✓
Maximum turbo power	115 W	Headphone outputs	1
Neural processor unit (NPU)		Combo headphone/mic port	✓
Neural processor unit (NPU)	Intel Al Boost	USB Type-C DisplayPort Alternate Mode	1
Maximum frequency NPU	1.4 GHz	USB Power Delivery	<
Sparsity support Windows Studio effects support		Keyboard	
Al software frameworks supported	DirectML, ONNX RT, OpenVINO,	Pointing device	Touchpad
by NPU	Windows ML	Numeric keypad *	✓
Memory		Software	
Internal memory *	16 GB	Operating system installed *	Windows 11 Home
Internal memory type	LPDDR5x-SDRAM	Battery	
Memory clock speed	7467 MHz	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	On-board	Battery capacity *	90 Wh
Maximum internal memory * Memory channels	16 GB Dual-channel	Battery life (max)	27.5 h
Storage	Dual-channel	Power	
5	1	AC adapter power	90 W
Total storage capacity *	1 TB	Weight & dimensions	
Storage media *	SSD	-	270.4
Total SSDs capacity	1 TB	Width	379.4 mm
Number of SSDs installed	1	Depth	265.4 mm
SSD capacity	1 TB	Height (front)	1.32 cm
SSD interface	PCI Express 4.0	Height (rear)	1.46 cm
		Weight *	1.38 kg



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