



LG Gram 16Z90S-G.AA79A1 laptop Intel Core Ultra 7 155H 40.6 cm (16") WQXGA 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Grey

Brand : LG

Product family: Gram

Product code: 16Z90S-G.AA79A1

Product name : 16Z90S-G.AA79A1



- Windows 11 Home

- Intel Core Ultra 7 155H (24MB Cache)

- 40.6 cm (16") WQXGA 2560 x 1600 IPS

- 16GB LPDDR5x-SDRAM & 1000GB SSD

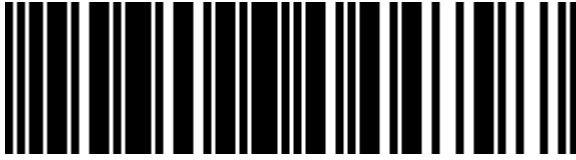
Intel Core Ultra 7 155H (24MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, Intel Arc Graphics, Webcam, Windows 11 Home

LG Gram 16Z90S-G.AA79A1. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 40.6 cm (16"), 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: Grey. Weight: 1.2 kg



Design		Storage	
Product type *	Laptop	Number of SSDs installed	1
Product colour *	Grey	SSD capacity	1 TB
Form factor *	Clamshell	SSD interface	PCI Express 4.0
Introduction year	2024	NVMe	✓
Original brand name	LG	SSD form factor	M.2
Display		Optical drive type *	✗
Display diagonal *	40.6 cm (16")	Card reader integrated	✓
Display resolution *	2560 x 1600 pixels	Compatible memory cards	MicroSD (TransFlash)
Touchscreen *	✗	Graphics	
HD type	WQXGA	Discrete graphics card model *	Not available
Panel type	IPS	On-board graphics card *	✓
Native aspect ratio	16:10	On-board GPU manufacturer	Intel
Display brightness	350 cd/m ²	Discrete graphics card *	✗
Display diagonal (metric)	40.6 cm	On-board graphics card family	Intel Arc Graphics
RGB colour space	DCI-P3	On-board graphics card model *	Intel Arc Graphics
Colour gamut	99%	On-board graphics card 4K support	✓
Processor		On-board graphics card 6K support	✓
Processor manufacturer *	Intel	Graphics card Open GL support	✓
Processor family *	Intel Core Ultra 7	Audio	
Processor generation	Intel® Core™ Ultra (Series 1)	Audio system	Dolby Atmos
Processor model *	155H	Number of built-in speakers	2
Processor cores	16	Speaker power	2 W
Processor threads	22	Camera	
Processor boost frequency	4.8 GHz	Front camera	✓
Performance cores	6	Front camera resolution	1920 x 1080 pixels
Efficient cores	8	Front camera HD type	Full HD
Low Power Efficient-cores	2	Network	
Performance-core Max Turbo Frequency	4.8 GHz	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Efficient-core Max Turbo Frequency	3.8 GHz	Mobile network connection *	✗
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Antenna type	2x2
Performance-core base frequency	1.4 GHz	WLAN controller model	Intel Wi-Fi 6E AX211
Efficient-core base frequency	0.9 GHz	WLAN controller manufacturer	Intel
		Bluetooth	✓

Processor		Network	
Low Power Efficient-core Base Frequency	700 MHz	Bluetooth version	5.3
Processor cache	24 MB	Ports & interfaces	
Processor cache type	Smart Cache	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor base power	28 W	HDMI ports quantity *	1
Maximum turbo power	115 W	Intel® Thunderbolt 4	✓
Neural processor unit (NPU)		Headphone outputs	1
Neural processor unit (NPU)	Intel AI Boost	Keyboard	
Maximum frequency NPU	1.4 GHz	Pointing device	Touchpad
Sparsity support	✓	Numeric keypad *	✓
Windows Studio effects support	✓	Software	
AI datatype support on NPU	FP16, FP32, Int8	Operating system installed *	Windows 11 Home
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Battery	
Memory		Battery technology	Lithium-Ion (Li-Ion)
Internal memory *	16 GB	Battery capacity *	77 Wh
Internal memory type	LPDDR5x-SDRAM	Battery life (max)	24 h
Memory form factor	On-board	Weight & dimensions	
Maximum internal memory *	16 GB	Width	355.1 mm
Memory channels	Dual-channel	Depth	242.3 mm
Storage		Height	16.8 mm
Total storage capacity *	1 TB	Weight *	1.2 kg
Storage media *	SSD	Packaging data	
Total SSDs capacity	1 TB	Package width	475 mm
		Package depth	290 mm
		Package height	60 mm
		Package weight	2.2 kg



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