



LG Gram 14Z90S-G.AP55F laptop Intel Core Ultra 5 125H 35,6 cm (14") WUXGA 16 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : LG

Product family: Gram

Article code: 14Z90S-G.AP55F

Product name : 14Z90S-G.AP55F

LG Gram 14Z90S-G.AP55F. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 125H. Display diagonal: 35,6 cm (14"), HD type: WUXGA, Display resolution: 1920 x 1200 pixels. 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. Operating system installed: Windows 11 Pro. Product color: Black. Weight: 999 g



Design		Storage	
Product type *	Laptop	Total storage capacity *	512 GB
Product colour *	Black	Storage media *	SSD
Form factor *	Clamshell	Total SSDs capacity	512 GB
Display		Number of SSDs installed	1
Display diagonal *	35.6 cm (14")	SSD capacity	512 GB
Display resolution *	1920 x 1200 pixels	NVMe	✓
Touchscreen *	✗	SSD form factor	M.2
HD type	WUXGA	Optical drive type *	✗
Panel type	IPS	Card reader integrated	✓
Native aspect ratio	16:10	Compatible memory cards	MicroSD (TransFlash)
Display brightness	350 cd/m²	Graphics	
RGB colour space	DCI-P3	Discrete graphics card model *	Not available
Colour gamut	99%	On-board graphics card *	✓
Maximum refresh rate	60 Hz	On-board GPU manufacturer	Intel
Contrast ratio (typical)	1200:1	Discrete graphics card *	✗
Processor		On-board graphics card family	Intel Arc Graphics
Processor manufacturer *	Intel	On-board graphics card model *	Intel Arc Graphics
Processor family *	Intel Core Ultra 5	Audio	
Processor generation	Intel® Core™ Ultra (Series 1)	Audio system	Dolby Atmos
Processor model *	125H	Number of built-in speakers	2
Processor cores	14	Speaker power	2 W
Processor threads	18	Camera	
Processor boost frequency	4.5 GHz	Front camera	✓
Performance cores	4	Front camera HD type	Full HD
Efficient cores	8	Infrared (IR) camera	✓
Low Power Efficient-cores	2	Network	
Performance-core Max Turbo Frequency	4.5 GHz	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Efficient-core Max Turbo Frequency	3.6 GHz	Mobile network connection *	✗
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	WLAN controller model	Intel Wi-Fi 6E AX211
Performance-core base frequency	1.2 GHz	Bluetooth	✓
Efficient-core base frequency	0.7 GHz	Bluetooth version	5.3
Low Power Efficient-core Base Frequency	700 MHz		

Processor		Ports & interfaces	
Processor cache	18 MB	USB 3.2 Gen 2 (3.1 Gen 2) Type-A 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	Combo headphone/mic port	✓
Neural processor unit (NPU)		Performance	
Neural processor unit (NPU)	Intel AI Boost	Repairability index	8.4
Maximum frequency NPU	1.4 GHz	Keyboard	
Sparsity support	✓	Numeric keypad *	✗
Windows Studio effects support	✓	Software	
AI datatype support on NPU	FP16, FP32, Int8	Operating system installed *	Windows 11 Pro
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 *	72 Wh
Internal memory type	LPDDR5x-SDRAM	Power	
		AC adapter power	65 W
		Weight & dimensions	
		Width	312 mm
		Depth	213.9 mm
		Height	16.8 mm
		Weight *	999 g

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