



## LG Gram 16Z90S-G.AR56A1 laptop Intel Core Ultra 5 125H 40.6 cm (16") WQXGA 8 GB LPDDR5x-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Grey

**Brand :** LG

**Product family:** Gram

**Product code:** 16Z90S-G.AR56A1

**Product name :** 16Z90S-G.AR56A1

- Windows 11
- Intel Core Ultra 7 Processor / LPDDR5x RAM / NVMe Gen4 SSD
- LG gram Link / 1,199g lightweight
- 77Wh High capacity battery
- Dolby Atmos

16", 2560 x 1600, WQXGA, 8 GB, 512 GB, Intel Core Ultra5 125H, Windows 11 Home, 1.199 kg  
LG Gram 16Z90S-G.AR56A1. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 5, Processor model: 125H, Processor frequency: 1.2 GHz. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 8 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 Home. Product colour: Grey



Design		Graphics	
Colour name	Charcoal Grey	On-board graphics card family	Intel Arc Graphics
Product type *	Laptop	On-board graphics card model *	Intel Arc Graphics
Product colour *	Grey	<b>Audio</b>	
Form factor *	Clamshell	Audio system	Dolby Atmos
Display		Number of built-in speakers	2
Display diagonal *	40.6 cm (16")	Speaker power	2 W
Display resolution *	2560 x 1600 pixels	<b>Camera</b>	
Touchscreen *	✗	Front camera	✓
HD type	WQXGA	Infrared (IR) camera	✓
Panel type	IPS	<b>Network</b>	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display brightness	350 cd/m²	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display diagonal (metric)	40.6 cm	Mobile network connection *	✗
RGB colour space	DCI-P3	WLAN controller model	Intel Wi-Fi 6E AX211
Colour gamut	99%	Bluetooth	✓
Maximum refresh rate	60 Hz	Bluetooth version	5.3
Contrast ratio (typical)	1200:1	<b>Ports &amp; interfaces</b>	
Processor		USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor family *	Intel Core Ultra 5	HDMI ports quantity *	1
Processor model *	125H	Thunderbolt 4 ports quantity	1
Processor cores	14	Intel® Thunderbolt 4	✓
Processor threads	18	Combo headphone/mic port	✓
Processor boost frequency	4.5 GHz	<b>Keyboard</b>	
Processor frequency *	1.2 GHz	Pointing device	Touchpad
Performance cores	4	Numeric keypad *	✓
Efficient cores	8	<b>Software</b>	
Performance-core Max Turbo Frequency	4.5 GHz	Operating system installed *	Windows 11 Home
Efficient-core Max Turbo Frequency	3.6 GHz	<b>Battery</b>	
Processor cache	18 MB	Battery technology	Lithium Polymer (LiPo)
Processor cache type	Smart Cache		
Processor base power	28 W		
Maximum turbo power	115 W		

Memory		Battery	
Internal memory *	8 GB	Battery capacity *	77 Wh
Internal memory type	LPDDR5x-SDRAM	Power	
Storage		AC adapter power	65 W
Total storage capacity *	512 GB	USB Type-C charging port *	✓
Storage media *	SSD	Security	
Total SSDs capacity	512 GB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	512 GB	Trusted Platform Module (TPM)	✓
NVMe	✓	Weight & dimensions	
SSD form factor	M.2	Width	355.1 mm
Optical drive type *	✗	Depth	242.3 mm
Graphics		Height	16.8 mm
Discrete graphics card model *	Not available	Weight *	1.2 kg
On-board graphics card *	✓	Packaging data	
On-board GPU manufacturer	Intel	Package width	475 mm
Discrete graphics card *	✗	Package depth	290 mm
		Package height	60 mm
		Package weight	2.2 kg



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