



LG Gram 15Z90S-G.AA78A1 laptop Intel Core Ultra 7 155H 39.6 cm (15.6") Full HD 16 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : LG

Product family: Gram

Product code: 15Z90S-G.AA78A1

Product name : 15Z90S-G.AA78A1

- Windows 11 Home
- Intel Core Ultra 7 155H (24MB Cache)
- Ultra - lightweight at 1,290g
- 39.6 cm (15.6") Full HD 1920 x 1080 IPS with Anti-Glare
- 16GB LPDDR5x-SDRAM & 1000GB SSD
- Military grade durability with magnesium alloy body
- Black

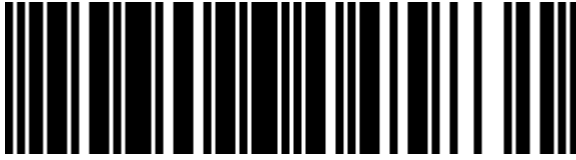
Intel Core Ultra 7 155H (24MB Cache), 16GB LPDDR5x-SDRAM, 1000GB SSD, 39.6 cm (15.6") Full HD 1920 x 1080 IPS, Intel Arc Graphics, WLAN, Windows 11 Home

LG Gram 15Z90S-G.AA78A1. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 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		Graphics	
Colour name	Obsidian Black	Discrete GPU manufacturer	Intel
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Black	Discrete graphics card *	✗
Form factor *	Clamshell	On-board graphics card family	Intel Arc Graphics
Housing material	Magnesium	On-board graphics card model *	Intel Arc Graphics
Market positioning	Everyday	Audio	
Introduction year	2024	Audio system	Dolby Atmos
Country of origin	China	Number of built-in speakers	2
Display		Speaker power	1.5 W
Display diagonal *	39.6 cm (15.6")	Camera	
Display resolution *	1920 x 1080 pixels	Front camera	✓
Touchscreen *	✗	Front camera HD type	Full HD
HD type	Full HD	Infrared (IR) camera	✓
Panel type	IPS	Network	
Native aspect ratio	16:9	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Anti-glare screen	✓	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Anti-reflective coating	✓	Mobile network connection *	✗
Display brightness	350 cd/m²	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	Ports & interfaces	
Processor		USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Processor manufacturer *	Intel	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor family *	Intel Core Ultra 7	HDMI ports quantity *	1
Processor generation	Intel® Core™ Ultra (Series 1)	Thunderbolt 4 ports quantity	1
Processor model *	155H	Intel® Thunderbolt 4	✓
Processor cores	16		
Processor threads	24		

Processor		Ports & interfaces	
Processor boost frequency	4.8 GHz	Combo headphone/mic port	✓
Performance cores	6	USB Power Delivery	✓
Efficient cores	8	Keyboard	
Low Power Efficient-cores	2	Pointing device	Touchpad
Performance-core Max Turbo Frequency	4.8 GHz	Keyboard layout	QWERTY
Efficient-core Max Turbo Frequency	3.8 GHz	Numeric keypad *	✓
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Keyboard backlit	✓
Performance-core base frequency	1.2 GHz	Keyboard number of keys	98
Low Power Efficient-core Base Frequency	700 MHz	Software	
Processor cache	24 MB	Operating system installed *	Windows 11 Home
Processor cache type	Smart Cache	Bundled software	LG Smart Assistant, LG gram Link, LG Security Guard, LG Lively Theme, LG Glance by Mirametrix®, Dolby Atmos, Intel® Connectivity Performance Suite, McAfee Live Safe (30 Days Trial), Microsoft 365 (30 Days Trial)
Processor base power	28 W		
Maximum turbo power	115 W	Battery	
Neural processor unit (NPU)		Battery capacity *	72 Wh
Neural processor unit (NPU)	Intel AI Boost	Battery life (max)	12.5 h
Maximum frequency NPU	1.4 GHz	Power	
Sparsity support	✓	AC adapter power	65 W
Windows Studio effects support	✓	Security	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Cable lock slot	✓
Memory		Cable lock slot type	Kensington
Internal memory *	16 GB	Face recognition	✓
Internal memory type	LPDDR5x-SDRAM	Weight & dimensions	
Memory clock speed	6400 MHz	Width	356.3 mm
Storage		Depth	223.4 mm
Total storage capacity *	1 TB	Height	16.9 mm
Storage media *	SSD	Weight *	1.29 kg
Total SSDs capacity	1 TB	Packaging data	
Number of SSDs installed	1	Package width	477 mm
SSD capacity	1 TB	Package depth	298 mm
Optical drive type *	✗	Package height	62 mm
		Package weight	2.3 kg
		Other features	
		Warranty period	1 year(s)



8806096045831

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 22-OCT-2024. Prints or copies of Information are only valid on the printed Publication date