



# LG Gram 16Z90R-K.AA78A1 laptop Intel® Core™ i7 i7-1360P 40.6 cm (16") WQXGA 16 GB LPDDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black

**Brand :** LG

**Product family:** Gram

**Product code:** 16Z90R-K.AA78A1

**Product name :** 16Z90R-K.AA78A1



- Windows 11 Home 64-bit

- Intel Core i7-1360P (18MB Cache)

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

- 16GB (6000MHz) LPDDR5-SDRAM & 1000GB SSD

Intel Core i7-1360P (18MB Cache), 16GB LPDDR5-SDRAM, 1000GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Home 64-bit

LG Gram 16Z90R-K.AA78A1. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1360P. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Home. Product colour: Black. Weight: 1.2 kg



Design		Graphics	
Colour name	Obsidian Black	On-board graphics card family	Intel Iris Xe Graphics
Product type *	Laptop	On-board graphics card model *	Intel Iris Xe Graphics
Product colour *	Black	<b>Audio</b>	
Form factor *	Clamshell	Audio system	Dolby Atmos
Housing material	Magnesium	Number of built-in speakers	2
Market positioning	Premium	Speaker power	2 W
Introduction year	2023	<b>Camera</b>	
<b>Display</b>		Front camera	✓
Foldable display	✗	Front camera HD type	Full HD
Display diagonal *	40.6 cm (16")	Infrared (IR) camera	✓
Display resolution *	2560 x 1600 pixels	<b>Network</b>	
Touchscreen *	✗	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
HD type	WQXGA	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Panel type	IPS	Mobile network connection *	✗
LED backlight	✓	Antenna type	2x2
Native aspect ratio	16:10	WLAN controller model	Intel Wi-Fi 6E AX211
Display surface	Matt	WLAN controller manufacturer	Intel
Anti-glare screen	✓	Bluetooth	✓
Display brightness	350 cd/m <sup>2</sup>	Bluetooth version	5.1
RGB colour space	DCI-P3	<b>Ports &amp; interfaces</b>	
Colour gamut	99%	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Maximum refresh rate	60 Hz	HDMI ports quantity *	1
<b>Processor</b>		Thunderbolt 4 ports quantity	2
Processor manufacturer *	Intel	Intel® Thunderbolt 4	✓
Processor family *	Intel® Core™ i7		
Processor generation	13th gen Intel® Core™ i7		

<b>Processor</b>		<b>Ports &amp; interfaces</b>	
Processor model *	i7-1360P	Combo headphone/mic port	✓
Processor cores	12	Charging port type	USB Type-C
Processor boost frequency	5 GHz	USB Power Delivery	✓
Performance cores	4	<b>Keyboard</b>	
Efficient cores	8	Pointing device	Touchpad
Performance-core Max Turbo Frequency	5 GHz	Keyboard layout	QWERTY
Efficient-core Max Turbo Frequency	3.7 GHz	Keyboard language	English
Processor cache	18 MB	Numeric keypad *	✓
Processor cache type	Smart Cache	Keyboard backlit	✓
Configurable TDP-down	20 W	<b>Software</b>	
Processor base power	28 W	Operating system architecture	64-bit
Maximum turbo power	64 W	Operating system installed *	Windows 11 Home
<b>Memory</b>		<b>Processor special features</b>	
Internal memory *	16 GB	Intel® Evo™ Platform Verified	✓
Internal memory type	LPDDR5-SDRAM	CPU configuration (max)	1
Memory clock speed	6000 MHz	<b>Battery</b>	
Memory form factor	SO-DIMM	Battery technology	Lithium-Ion (Li-Ion)
Memory slots	2x SO-DIMM	Battery capacity *	80 Wh
<b>Storage</b>		Fast charging	✓
Total storage capacity *	1 TB	<b>Power</b>	
Storage media *	SSD	AC adapter power	65 W
Total SSDs capacity	1 TB	<b>Security</b>	
Number of SSDs installed	1	Face recognition	✓
SSD capacity	1 TB	Windows Hello	✓
SSD interface	M.2	Trusted Platform Module (TPM)	✓
NVMe	✓	<b>Weight &amp; dimensions</b>	
SSD form factor	M.2	Width	355.1 mm
SSD performance class	40	Depth	242.3 mm
Optical drive type *	✗	Height	16.8 mm
Card reader integrated	✓	Weight *	1.2 kg
Compatible memory cards	MicroSD (TransFlash)	<b>Packaging data</b>	
<b>Graphics</b>		Package width	475 mm
Discrete graphics card model *	Not available	Package depth	290 mm
On-board graphics card *	✓	Package height	60 mm
On-board GPU manufacturer	Intel	Package weight	2.2 kg
Discrete graphics card *	✗		



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