



# LG Gram 16Z90R-K.AD7BA1 notebook 40.6 cm (16") WQXGA Intel® Core™ i7 i7-1360P 32 GB LPDDR5-SDRAM 2 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black



**Brand :** LG

**Product family:** Gram

**Product code:** 16Z90R-K.AD7BA1

**Product name :** 16Z90R-K.AD7BA1

- Windows 11 Home 64-bit  
 - Intel Core i7-1360P (18MB Cache)  
 - 40.6 cm (16") WQXGA 2560 x 1600 IPS  
 - 32GB (6000MHz) LPDDR5-SDRAM & 2000GB SSD  
 Intel Core i7-1360P (18MB Cache), 32GB LPDDR5-SDRAM, 2000GB 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.AD7BA1. Product type: Notebook, 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: 32 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 2 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	Discrete graphics card *	✗
Product type *	Notebook	On-board graphics card family	Intel Iris Xe Graphics
Product colour *	Black	On-board graphics card model *	Intel Iris Xe Graphics
Form factor *	Clamshell	<b>Audio</b>	
Housing material	Magnesium	Audio system	Dolby Atmos
Market positioning	Premium	Number of built-in speakers	2
Introduction year	2023	Speaker power	2 W
Display		Camera	
Foldable display	✗	Front camera	✓
Display diagonal *	40.6 cm (16")	Front camera HD type	Full HD
Display resolution *	2560 x 1600 pixels	Infrared (IR) camera	✓
Touchscreen *	✗	<b>Network</b>	
HD type	WQXGA	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Panel type	IPS	Wi-Fi standards	Wi-Fi 6E (802.11ax)
LED backlight	✓	Mobile network connection *	✗
Native aspect ratio	16:10	Antenna type	2x2
Display surface	Matt	WLAN controller model	Intel Wi-Fi 6E AX211
Anti-glare screen	✓	WLAN controller manufacturer	Intel
Display brightness	350 cd/m <sup>2</sup>	Bluetooth	✓
RGB colour space	DCI-P3	Bluetooth version	5.1
Colour gamut	99%	<b>Ports &amp; interfaces</b>	
Maximum refresh rate	60 Hz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Processor		HDMI ports quantity *	1
Processor manufacturer *	Intel	Thunderbolt 4 ports quantity	2
Processor generation	13th gen Intel® Core™ i7	Intel® Thunderbolt 4	✓
Processor family *	Intel® Core™ i7	Combo headphone/mic port	✓
Processor model *	i7-1360P	Charging port type	USB Type-C
Processor boost frequency	5 GHz	USB Power Delivery	✓
Efficient-core Max Turbo Frequency	3.7 GHz	<b>Keyboard</b>	
Performance-core Max Turbo Frequency	5 GHz	Pointing device	Touchpad
Processor cores	12	Numeric keypad *	✓
Processor cache	18 MB	Keyboard backlight	✓
Processor cache type	Smart Cache		
Configurable TDP-down	20 W		
Processor base power	28 W		

<b>Processor</b>		<b>Software</b>	
Maximum turbo power	64 W	Operating system architecture	64-bit
Performance cores	4	Operating system installed *	Windows 11 Home
Efficient cores	8	<b>Processor special features</b>	
<b>Memory</b>		Intel® Evo™ Platform Verified	✓
Internal memory *	32 GB	CPU configuration (max)	1
Internal memory type	LPDDR5-SDRAM	<b>Battery</b>	
Memory clock speed	6000 MHz	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	SO-DIMM	Battery capacity *	80 Wh
Memory slots	2x SO-DIMM	Fast charging	✓
<b>Storage</b>		<b>Power</b>	
Total storage capacity *	2 TB	AC adapter power	65 W
Storage media *	SSD	<b>Security</b>	
Total SSDs capacity	2 TB	Face recognition	✓
Number of SSDs installed	1	Windows Hello	✓
SSD capacity	2 TB	Trusted Platform Module (TPM)	✓
SSD interface	M.2	<b>Weight &amp; dimensions</b>	
NVMe	✓	Width	355.1 mm
SSD form factor	M.2	Depth	242.3 mm
SSD performance class	40	Height	16.8 mm
Optical drive type *	✗	Weight *	1.2 kg
Card reader integrated	✓	<b>Packaging data</b>	
Compatible memory cards	MicroSD (TransFlash)	Package width	475 mm
<b>Graphics</b>		Package depth	290 mm
Discrete graphics card model *	Not available	Package height	60 mm
On-board graphics card *	✓	Package weight	2.2 kg

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