



# LG Gram 16Z90R-K.AD7BA1 laptop Intel® Core™ i7 i7-1360P 40.6 cm (16") WQXGA 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: 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: 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 *	Laptop	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 family *	Intel® Core™ i7	Intel® Thunderbolt 4	✓
Processor generation	13th gen Intel® Core™ i7	Combo headphone/mic port	✓
Processor model *	i7-1360P	Charging port type	USB Type-C
Processor cores	12	USB Power Delivery	✓
Processor boost frequency	5 GHz	<b>Keyboard</b>	
Performance cores	4	Pointing device	Touchpad
Efficient cores	8	Numeric keypad *	✓
Performance-core Max Turbo Frequency	5 GHz	Keyboard backlight	✓
Efficient-core Max Turbo Frequency	3.7 GHz		
Processor cache	18 MB		
Processor cache type	Smart Cache		

<b>Processor</b>		<b>Software</b>	
Configurable TDP-down	20 W	Operating system architecture	64-bit
Processor base power	28 W	Operating system installed *	Windows 11 Home
Maximum turbo power	64 W	<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
On-board GPU manufacturer	Intel		

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