



## LG Gram 16 16Z90R-K.AD78A1

Brand : LG

Product family: Gram

Product code: 16Z90R-K.AD78A1

Product name : LG gram 16 16Z90R-K.AD78A1

- Windows 11 Home 64-bit
- Intel Core i7-1360P (18MB Cache)
- 40.6 cm (16") WQXGA 2560 x 1600 IPS
- 32GB (6000MHz) LPDDR5-SDRAM & 1000GB SSD

Intel Core i7-1360P (18MB Cache), 32GB 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 16 16Z90R-K.AD78A1. 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: 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 *	✓
Product type *	Laptop	On-board GPU manufacturer	Intel
Product colour *	Black	Discrete graphics card *	✗
Form factor *	Clamshell	On-board graphics card family	Intel Iris Xe Graphics
Housing material	Magnesium	On-board graphics card model *	Intel Iris Xe Graphics
Market positioning	Premium	<b>Audio</b>	
Introduction year	2023	Audio system	Dolby Atmos
Country of origin	China	Number of built-in speakers	2
<b>Display</b>		Speaker power	2 W
Display diagonal *	40.6 cm (16")	<b>Camera</b>	
Display resolution *	2560 x 1600 pixels	Front camera	✓
Touchscreen *	✗	Front camera HD type	Full HD
HD type	WQXGA	Infrared (IR) camera	✓
Panel type	IPS	<b>Network</b>	
LED backlight	✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Native aspect ratio	16:10	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Display surface	Matt	Mobile network connection *	✗
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 1 (3.1 Gen 1) 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	Combo headphone/mic port	✓
Processor generation	13th gen Intel® Core™ i7		
Processor model *	i7-1360P		
Processor cores	12		

<b>Processor</b>		<b>Keyboard</b>	
Processor boost frequency	5 GHz	Pointing device	Touchpad
Performance cores	4	Keyboard layout	QWERTY
Efficient cores	8	Keyboard language	English
Performance-core Max Turbo Frequency	5 GHz	Numeric keypad *	✓
Efficient-core Max Turbo Frequency	3.7 GHz	Keyboard backlit	✓
Processor cache	18 MB	<b>Software</b>	
Processor cache type	Smart Cache	Operating system architecture	64-bit
Configurable TDP-down	20 W	Operating system installed *	Windows 11 Home
Processor base power	28 W	<b>Processor special features</b>	
Maximum turbo power	64 W	Intel® Evo™ Platform Verified	✓
<b>Memory</b>		CPU configuration (max)	1
Internal memory *	32 GB	<b>Battery</b>	
Internal memory type	LPDDR5-SDRAM	Battery technology	Lithium-Ion (Li-Ion)
Memory clock speed	6000 MHz	Battery capacity *	80 Wh
<b>Storage</b>		Fast charging	✓
Total storage capacity *	1 TB	<b>Security</b>	
Storage media *	SSD	Face recognition	✓
Total SSDs capacity	1 TB	Windows Hello	✓
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	1 TB	<b>Weight &amp; dimensions</b>	
SSD interface	M.2	Width	355.1 mm
NVMe	✓	Depth	242.3 mm
SSD form factor	M.2	Height	16.8 mm
SSD performance class	40	Weight *	1.2 kg
Optical drive type *	✗	<b>Packaging data</b>	
Card reader integrated	✓	Package width	475 mm
Compatible memory cards	MicroSD (TransFlash)	Package depth	290 mm
<b>Graphics</b>		Package height	60 mm
Discrete graphics card model *	Not available	Package weight	2.2 kg



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