



LG Gram 16 16Z90R-K.AD78A1

Brand : LG

Product family: Gram

Product code: 16Z90R-K.AD78A1

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



LG gram 16 16Z90R-K.AD78A1 Ultra-lightweight with 16:10 IPS Anti glare Display and Intel® Evo 12th Gen. Processor

LG Gram 16 16Z90R-K.AD78A1. Product type: Notebook, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1360P, Processor frequency: 5 GHz. 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



Design		Camera	
Colour name	Obsidian Black	Front camera	✓
Product type *	Notebook	Front camera HD type	Full HD
Product colour *	Black	Infrared (IR) camera	✓
Form factor *	Clamshell	Network	
Housing material	Magnesium	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Market positioning	Premium	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Introduction year	2023	Mobile network connection *	✗
Country of origin	China	Bluetooth	✓
Display		Bluetooth version	5.1
Display diagonal *	40.6 cm (16")	Ports & interfaces	
Display resolution *	2560 x 1600 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Touchscreen *	✗	USB4 Gen 3x2 ports quantity	2
HD type	WQXGA	HDMI ports quantity *	1
Panel type	IPS	Thunderbolt 4 ports quantity	2
LED backlight	✓	Intel® Thunderbolt 4	✓
Native aspect ratio	16:10	Combo headphone/mic port	✓
Display surface	Matt	Charging port type	USB Type-C
Anti-glare screen	✓	USB Power Delivery	✓
Display brightness	350 cd/m ²	Keyboard	
RGB colour space	DCI-P3	Pointing device	Touchpad
Colour gamut	99%	Keyboard layout	QWERTY
Maximum refresh rate	60 Hz	Keyboard language	English
Processor		Numeric keypad *	✓
Processor manufacturer *	Intel	Keyboard backlit	✓
Processor generation	13th gen Intel® Core™ i7		
Processor model *	i7-1360P		

Processor		Software	
Processor family *	Intel® Core™ i7	Operating system architecture	64-bit
Processor frequency *	5 GHz	Operating system installed *	Windows 11 Home
Configurable TDP-down	20 W	Processor special features	
Memory		Intel® Evo™ Platform Verified	✓
Internal memory *	32 GB	CPU configuration (max)	1
Internal memory type	LPDDR5-SDRAM	Battery	
Memory clock speed	6000 MHz	Battery technology	Lithium-Ion (Li-Ion)
Storage		Battery capacity *	80 Wh
Total storage capacity *	1 TB	Battery life (max)	24.5 h
Storage media *	SSD	Continuous video playback time	23.5 h
Total SSDs capacity	1 TB	Fast charging	✓
Number of SSDs installed	1	Security	
SSD capacity	1 TB	Face recognition	✓
SSD interface	M.2	Windows Hello	✓
NVMe	✓	Trusted Platform Module (TPM)	✓
SSD form factor	M.2	Weight & dimensions	
SSD performance class	40	Width	355.1 mm
Optical drive type *	✗	Depth	242.3 mm
Graphics		Height	16.8 mm
Discrete graphics card model *	Not available	Weight *	1.2 kg
On-board graphics card *	✓	Packaging data	
Discrete graphics card *	✗	Package width	475 mm
On-board graphics card family	Intel Iris Xe Graphics	Package depth	290 mm
On-board graphics card model *	Intel Iris Xe Graphics	Package height	60 mm
Audio		Package weight	2.2 kg
Audio system	Dolby Atmos		
Number of built-in speakers	2		
Speaker power	2 W		



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