



LG Gram 16Z90RU-G.AP52A1 laptop Intel® Core™ i5 i5-1334U 40.6 cm (16") WQXGA 16 GB LPDDR5-SDRAM 256 GB SSD Wi-Fi 6 (802.11ax) Windows 11 Pro Black

Brand : LG

Product family: Gram

Product code: 16Z90RU-G.AP52A1

Product name : 16Z90RU-G.AP52A1

- Windows 11 Pro
- Intel Core i5-1334U (12MB Cache)
- 40.6 cm (16") WQXGA 2560 x 1600 IPS
- 16GB (4266MHz) LPDDR5-SDRAM & 256GB SSD

Intel Core i5-1334U (12MB Cache), 16GB LPDDR5-SDRAM, 256GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Pro

LG Gram 16Z90RU-G.AP52A1. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1334U. 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: 256 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Black. Weight: 1.2 kg



Design		Graphics	
Colour name	Obsidian Black	Discrete graphics card model *	Not available
Product type *	Laptop	On-board graphics card *	✓
Product colour *	Black	On-board GPU manufacturer	Intel
Form factor *	Clamshell	Discrete graphics card *	✗
Housing material	Magnesium	On-board graphics card model *	Intel Iris Xe Graphics
Display		Audio	
Display diagonal *	40.6 cm (16")	Audio system	Dolby Atmos
Display resolution *	2560 x 1600 pixels	Number of built-in speakers	2
Touchscreen *	✗	Speaker power	2 W
HD type	WQXGA	Built-in microphone	✓
Panel type	IPS	Number of microphones	2
Native aspect ratio	16:10	Camera	
Anti-glare screen	✓	Front camera	✓
Display brightness	350 cd/m²	Front camera HD type	HD
Display diagonal (metric)	40.6 cm	Network	
RGB colour space	DCI-P3	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Colour gamut	99%	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Processor		Mobile network connection *	✗
Processor manufacturer *	Intel	WLAN controller model	Intel Wi-Fi 6 AX201
Processor family *	Intel® Core™ i5	Bluetooth	✓
Processor generation	13th gen Intel® Core™ i5	Bluetooth version	5.1
Processor model *	i5-1334U	Ports & interfaces	
Processor cores	10	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor threads	12	HDMI ports quantity *	1
Processor boost frequency	4.6 GHz	Thunderbolt 4 ports quantity	2
Performance cores	2	Intel® Thunderbolt 4	✓
Efficient cores	8	Combo headphone/mic port	✓
Performance-core Max Turbo Frequency	4.6 GHz	Keyboard	
Efficient-core Max Turbo Frequency	3.4 GHz	Pointing device	Touchpad
Processor cache	12 MB	Numeric keypad *	✓
Processor cache type	Smart Cache	Keyboard backlit	✓
Processor base power	15 W	Keyboard number of keys	98
Maximum turbo power	55 W		

Memory		Software	
Internal memory *	16 GB	Operating system installed *	Windows 11 Pro
Internal memory type	LPDDR5-SDRAM	Battery	
Memory clock speed	4266 MHz	Battery technology	Lithium-Ion (Li-Ion)
Memory form factor	On-board	Battery capacity *	80 Wh
Memory channels	Dual-channel	Power	
Storage		AC adapter power	65 W
Total storage capacity *	256 GB	Security	
Storage media *	SSD	Cable lock slot	✓
Total SSDs capacity	256 GB	Cable lock slot type	Kensington
Number of SSDs installed	1	Trusted Platform Module (TPM)	✓
SSD capacity	256 GB	Certificates	
SSD interface	PCI Express 4.0	Certification	STD-MIL 810H
NVMe	✓	Weight & dimensions	
SSD form factor	M.2	Width	355.9 mm
Optical drive type *	✗	Depth	291 mm
Card reader integrated	✓	Height	16.8 mm
Compatible memory cards	MicroSD (TransFlash), MicroSDHC, MicroSDXC	Weight *	1.2 kg



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