



LG Gram 16Z90RU-G.AA55A1 laptop Intel® Core™ i5 i5-1334U 40.6 cm (16") 2.5K 16 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black



Brand : LG

Product family: Gram

Product code: 16Z90RU-G.AA55A1

Product name : 16Z90RU-G.AA55A1

- Windows 11 Pro
- Intel Core i5-1334U (12MB Cache)
- 40.6 cm (16") WQXGA 2560 x 1600 IPS
- 16GB (4266MHz) LPDDR5-SDRAM & 512GB SSD
- Magnesium Alloy chassis
- MIL-STD-810H Durability Standard

LG gram 16Z90RU-G.AA55A1 laptop Intel® Core™ i5 i5-1334U 40.6 cm (16") 2.5K 16 GB LPDDR5-SDRAM 512 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black

LG Gram 16Z90RU-G.AA55A1. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1334U, Processor frequency: 4.6 GHz. Display diagonal: 40.6 cm (16"), HD type: 2.5K, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Home. Product colour: Black



Design

Colour name	Obsidian Black
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Housing material	Magnesium
Market positioning	Everyday

Display

Display diagonal *	40.6 cm (16")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✗
HD type	2.5K
Panel type	IPS
Native aspect ratio	16:10
Anti-glare screen	✓
Display brightness	350 cd/m ²
Display diagonal (metric)	40.6 cm
RGB colour space	DCI-P3
Colour gamut	99%
Maximum refresh rate	60 Hz
Contrast ratio (typical)	1200:1

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	13th gen Intel® Core™ i5
Processor model *	i5-1334U
Processor cores	10
Processor threads	12
Processor boost frequency	4.6 GHz
Processor frequency *	4.6 GHz

Audio

Audio system	Dolby Atmos
Number of built-in speakers	2
Speaker power	1.5 W
Built-in microphone	✓
Number of microphones	2

Camera

Front camera	✓
Front camera HD type	HD

Network

Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✗
WLAN controller model	Intel Wi-Fi 6E AX211
Bluetooth	✓
Bluetooth version	5.1

Ports & interfaces

USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
USB4 Gen 3x2 ports quantity	2
HDMI ports quantity *	1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✓
Combo headphone/mic port	✓
USB Type-C DisplayPort Alternate Mode	✓

Keyboard

Pointing device	Touchpad
Numeric keypad *	✓

Processor		Keyboard	
Performance cores	2	Keyboard backlit	✓
Efficient cores	8	Keyboard number of keys	98
Performance-core Max Turbo Frequency	4.6 GHz	Keyboard layout	QWERTY
Efficient-core Max Turbo Frequency	3.4 GHz	Software	
Processor cache	12 MB	Operating system architecture	64-bit
Processor cache type	Smart Cache	Operating system installed *	Windows 11 Home
Processor base power	15 W	Battery	
Maximum turbo power	55 W	Battery technology	Lithium-Ion (Li-Ion)
Memory		Battery capacity *	80 Wh
Internal memory *	16 GB	Power	
Internal memory type	LPDDR5-SDRAM	AC adapter power	65 W
Memory clock speed	4266 MHz	USB Type-C charging port *	✓
Memory form factor	On-board	USB Type-C required charging power (min) *	45 W
Memory slots	2x SO-DIMM	USB Type-C required charging power (max) *	65 W
Memory channels	Dual-channel	USB Power Delivery (USB PD)	✓
Storage		Security	
Total storage capacity *	512 GB	Cable lock slot	✓
Storage media *	SSD	Cable lock slot type	Kensington
Total SSDs capacity	512 GB	Certificates	
Number of SSDs installed	1	Certification	STD-MIL 810H
SSD capacity	512 GB	Weight & dimensions	
SSD interface	PCI Express 4.0	Width	355.9 mm
NVMe	✓	Depth	243.4 mm
SSD form factor	M.2	Height	16.8 mm
Optical drive type *	✗	Weight *	1.2 kg
Graphics		Packaging data	
Discrete graphics card model *	Not available	Package width	469 mm
On-board graphics card *	✓	Package depth	291 mm
On-board GPU manufacturer	Intel	Package height	60 mm
Discrete graphics card *	✗	Package weight	2.15 kg
On-board graphics card family	Intel Iris Xe Graphics	Packaging content	
On-board graphics card model *	Intel Iris Xe Graphics	AC adapter included *	✓
Other features		Other features	
Warranty period		1 year(s)	

Catalog Object Cloud



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