



LG Gram 17Z90RU-G.AA58A1 laptop Intel® Core™ i5 i5-1334U 43.2 cm (17") 2.5K 16 GB LPDDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : LG

Product family: Gram

Product code: 17Z90RU-G.AA58A1

Product name : 17Z90RU-G.AA58A1

LG Gram 17Z90RU-G.AA58A1. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1334U, Processor frequency: 4.6 GHz. Display diagonal: 43.2 cm (17"), HD type: 2.5K, Display resolution: 2560 x 1600 pixels. Internal memory: 16 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		Graphics	
Colour name	Obsidian Black	On-board graphics card family	Intel Iris Xe Graphics
Product type *	Laptop	On-board graphics card model *	Intel Iris Xe Graphics
Product colour *	Black	Audio	
Form factor *	Clamshell	Audio system	Dolby Atmos
Housing material	Magnesium	Number of built-in speakers	2
Market positioning	Everyday	Speaker power	1.5 W
Display		Built-in microphone	✓
Display diagonal *	43.2 cm (17")	Number of microphones	2
Display resolution *	2560 x 1600 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	2.5K	Front camera HD type	HD
Panel type	IPS	Network	
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	✓	WLAN controller model	Intel Wi-Fi 6E AX211
Anti-reflective coating	✓	Bluetooth	✓
Display brightness	350 cd/m²	Bluetooth version	5.1
Display diagonal (metric)	43.18 cm	Ports & interfaces	
RGB colour space	DCI-P3	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Colour gamut	99%	USB4 Gen 3x2 ports quantity	2
Maximum refresh rate	60 Hz	HDMI ports quantity *	1
Contrast ratio (typical)	1200:1	Thunderbolt 4 ports quantity	2
Processor		Intel® Thunderbolt 4	✓
Processor manufacturer *	Intel	Combo headphone/mic port	✓
Processor family *	Intel® Core™ i5	USB Type-C DisplayPort Alternate Mode	✓
Processor generation	13th gen Intel® Core™ i5		
Processor model *	i5-1334U		

Processor		Keyboard	
Processor cores	10	Pointing device	Touchpad
Processor threads	12	Numeric keypad *	✓
Processor boost frequency	4.6 GHz	Keyboard backlit	✓
Processor frequency *	4.6 GHz	Full-size keyboard	✓
Performance cores	2	Keyboard number of keys	101
Efficient cores	8	Keyboard layout	QWERTY
Performance-core Max Turbo Frequency	4.6 GHz	Software	
Efficient-core Max Turbo Frequency	3.4 GHz	Operating system architecture	64-bit
Processor cache	12 MB	Operating system installed *	Windows 11 Home
Processor cache type	Smart Cache	Battery	
Processor base power	15 W	Battery technology	Lithium-Ion (Li-Ion)
Maximum turbo power	55 W	Battery capacity *	80 Wh
Memory		Power	
Internal memory *	16 GB	AC adapter power	65 W
Internal memory type	LPDDR5-SDRAM	USB Type-C charging port *	✓
Memory clock speed	4266 MHz	USB Type-C required charging power (min) *	45 W
Memory form factor	On-board	USB Type-C required charging power (max) *	65 W
Memory slots	2x SO-DIMM	USB Power Delivery (USB PD)	✓
Memory channels	Dual-channel	Security	
Storage		Cable lock slot	✓
Total storage capacity *	1 TB	Cable lock slot type	Kensington
Storage media *	SSD	Weight & dimensions	
Total SSDs capacity	1 TB	Width	378.8 mm
Number of SSDs installed	1	Depth	258.8 mm
SSD capacity	1 TB	Height	17.8 mm
SSD interface	PCI Express 4.0	Weight *	1.35 kg
NVMe	✓	Packaging data	
SSD form factor	M.2	Package width	499 mm
Optical drive type *	✗	Package depth	307 mm
Graphics		Package height	60 mm
Discrete graphics card model *	Not available	Package weight	2.5 kg
On-board graphics card *	✓	Packaging content	
On-board GPU manufacturer	Intel	AC adapter included *	✓
Discrete graphics card *	✗		

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