



## LG Gram 17Z90S-G.AP7BF laptop Intel Core Ultra 7 155H 43,2 cm (17") WQXGA 32 GB LPDDR5x-SDRAM 2 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : LG

Product family: Gram

Article code: 17Z90S-G.AP7BF

Product name : 17Z90S-G.AP7BF



LG Gram 17Z90S-G.AP7BF. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H, Processor frequency: 1,4 GHz. Display diagonal: 43,2 cm (17"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Operating system installed: Windows 11 Pro. Product color: Black

Design		Graphics	
Product type *	Laptop	On-board GPU manufacturer	Intel
Product colour *	Black	Discrete graphics card *	✗
Form factor *	Clamshell	On-board graphics card family	Intel Arc Graphics
Housing material	Magnesium	On-board graphics card model *	Intel Arc Graphics
Market positioning	Business	Audio	
Display		Audio system	Dolby Atmos
Display diagonal *	43.2 cm (17")	Number of built-in speakers	2
Display resolution *	2560 x 1600 pixels	Speaker power	2 W
Touchscreen *	✗	Built-in microphone	✓
HD type	WQXGA	Camera	
Panel type	IPS	Front camera	✓
Native aspect ratio	16:10	Front camera HD type	Full HD
Anti-glare screen	✓	Network	
Display brightness	350 cd/m²	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display diagonal (metric)	43.18 cm	Mobile network connection *	✗
RGB colour space	DCI-P3	Antenna type	2x2
Colour gamut	99%	WLAN controller model	Intel Wi-Fi 6E AX211
Maximum refresh rate	60 Hz	Bluetooth	✓
Contrast ratio (typical)	1200:1	Bluetooth version	5.1
Processor		Ports & interfaces	
Processor manufacturer *	Intel	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor family *	Intel Core Ultra 7	HDMI ports quantity *	1
Processor generation	Intel® Core™ Ultra (Series 1)	Thunderbolt 4 ports quantity	2
Processor model *	155H	Intel® Thunderbolt 4	✓
Processor cores	16	Combo headphone/mic port	✓
Processor boost frequency	4.8 GHz	Performance	
Processor frequency *	1.4 GHz	Repairability index	8.4
Processor cache	24 MB	Keyboard	
Processor cache type	Smart Cache	Pointing device	Touchpad
Neural processor unit (NPU)		Numeric keypad *	✓
Neural processor unit (NPU)	Intel AI Boost		
Maximum frequency NPU	1.4 GHz		
Sparsity support	✓		

Neural processor unit (NPU)		Keyboard	
Windows Studio effects support	✓	Keyboard backlit	✓
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Software	
Memory		Operating system installed *	Windows 11 Pro
		Processor special features	
Internal memory *	32 GB	Intel® Evo™ Platform Verified	✗
Internal memory type	LPDDR5x-SDRAM	Battery	
Memory clock speed	7467 MHz	Battery technology	Lithium-Ion (Li-Ion)
Maximum internal memory *	32 GB	Battery capacity *	77 Wh
Storage		Power	
Total storage capacity *	2 TB	AC adapter power	65 W
Storage media *	SSD	Security	
Total SSDs capacity	2 TB	Cable lock slot	✓
Number of SSDs installed	1	Cable lock slot type	Kensington
SSD capacity	2 TB	Fingerprint reader	✓
SSD interface	M.2	Weight & dimensions	
NVMe	✓	Width	378.8 mm
Optical drive type *	✗	Depth	258.8 mm
Card reader integrated	✓	Height	17.8 mm
Compatible memory cards	MicroSD (TransFlash)	Weight *	1.35 kg
Graphics		Packaging data	
Discrete graphics card model *	Not available	Package width	499 mm
On-board graphics card *	✓	Package depth	307 mm
		Package height	60 mm
		Package weight	2.2 kg

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