



LG Gram 17Z90S-V.APC8U1 laptop Intel Core Ultra 7 155H 43.2 cm (17") WQXGA 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Grey

Brand : LG

Product family: Gram

Product code: 17Z90S-V.APC8U1

Product name : 17Z90S-V.APC8U1

LG Gram 17Z90S-V.APC8U1. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155H. 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: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics. Operating system installed: Windows 11 Pro. Product colour: Grey. Weight: 1.35 kg



Design		Storage	
Colour name	Charcoal gray	Compatible memory cards	MicroSD (TransFlash)
Product type *	Laptop	Graphics	
Product colour *	Grey	Discrete graphics card model *	Not available
Form factor *	Clamshell	On-board graphics card *	✓
Display		On-board GPU manufacturer	Intel
Display diagonal *	43.2 cm (17")	Discrete graphics card *	✗
Display resolution *	2560 x 1600 pixels	On-board graphics card family	Intel Arc Graphics
Touchscreen *	✗	On-board graphics card model *	Intel Arc Graphics
HD type	WQXGA	Audio	
Panel type	IPS	Audio system	Dolby Atmos
Native aspect ratio	16:10	Number of built-in speakers	2
Anti-glare screen	✓	Speaker power	2 W
Display brightness	350 cd/m²	Built-in microphone	✓
Display diagonal (metric)	43.18 cm	Number of microphones	2
RGB colour space	DCI-P3	Camera	
Colour gamut	99%	Front camera	✓
Processor		Front camera resolution	1920 x 1080 pixels
Processor manufacturer *	Intel	Front camera HD type	Full HD
Processor family *	Intel Core Ultra 7	Infrared (IR) camera	✓
Processor generation	Intel® Core™ Ultra (Series 1)	Network	
Processor model *	155H	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Processor cores	16	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Processor threads	22	Mobile network connection *	✗
Processor boost frequency	4.8 GHz	Antenna type	2x2
Performance cores	6	WLAN controller model	Intel Wi-Fi 6E AX211
Efficient cores	8	WLAN controller manufacturer	Intel
Low Power Efficient-cores	2	Bluetooth	✓
Performance-core Max Turbo Frequency	4.8 GHz	Bluetooth version	5.3
Efficient-core Max Turbo Frequency	3.8 GHz	Ports & interfaces	
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Performance-core base frequency	1.4 GHz	USB4 Gen 3x2 ports quantity	2
Efficient-core base frequency	0.9 GHz	HDMI ports quantity *	1

Processor		Ports & interfaces	
Low Power Efficient-core Base Frequency	700 MHz	Intel® Thunderbolt 4	✓
Processor cache	24 MB	Headphone outputs	1
Processor cache type	Smart Cache	Combo headphone/mic port	✓
Processor base power	28 W	USB Type-C DisplayPort Alternate Mode	✓
Maximum turbo power	115 W		
Neural processor unit (NPU)		Keyboard	
Neural processor unit (NPU)	Intel AI Boost	Pointing device	Touchpad
Maximum frequency NPU	1.4 GHz	Numeric keypad *	✓
Sparsity support	✓	Keyboard backlit	✓
Windows Studio effects support	✓		
AI datatype support on NPU	FP16, FP32, Int8	Software	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML	Operating system installed *	Windows 11 Pro
Memory		Battery	
Internal memory *	32 GB	Battery technology	Lithium-Ion (Li-Ion)
Internal memory type	LPDDR5x-SDRAM	Battery capacity *	77 Wh
Memory clock speed	7467 MHz	Continuous video playback time (max)	18.9 h
Memory channels	Dual-channel		
Storage		Power	
Total storage capacity *	1 TB	AC adapter power	65 W
Storage media *	SSD	USB Type-C charging port *	✓
Total SSDs capacity	1 TB	USB Power Delivery (USB PD)	✓
Number of SSDs installed	1		
SSD capacity	1 TB	Security	
SSD interface	PCI Express 4.0	Cable lock slot	✓
NVMe	✓	Cable lock slot type	Kensington
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
Optical drive type *	✗		
Card reader integrated	✓	Weight & dimensions	
		Width	378.8 mm
		Depth	258.8 mm
		Height	17.8 mm
		Weight *	1.35 kg
		Packaging data	
		Package width	499 mm
		Package depth	307 mm
		Package height	60 mm
		Package weight	2.5 kg



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Catalog Object Cloud



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