



LG 17Z90TR-E.AD8BG laptop Intel Core Ultra 7 255H 43.2 cm (17") WQXGA 32 GB LPDDR5x-SDRAM 2 TB SSD NVIDIA® GeForce RTX™ 5050 Wi-Fi 7 (802.11be) Windows 11 Home Black



Brand : LG

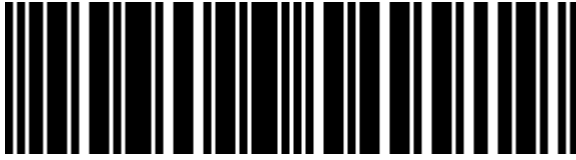
Product code: 17Z90TR-E.AD8BG

Product name : 17Z90TR-E.AD8BG

LG 17Z90TR-E.AD8BG. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 255H. 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 140T, Discrete graphics card model: NVIDIA® GeForce RTX™ 5050. Operating system installed: Windows 11 Home. Product colour: Black

Design		Storage	
Product type *	Laptop	SSD form factor	M.2
Product colour *	Black	Optical drive type *	✗
Form factor *	Clamshell	Graphics	
Country of origin	China	Discrete GPU manufacturer	NVIDIA
Original brand name	LG	Discrete graphics card model *	NVIDIA® GeForce RTX™ 5050
Display		Discrete graphics card memory	8 GB
Display diagonal *	43.2 cm (17")	Discrete graphics memory type	GDDR7
Display resolution *	2560 x 1600 pixels	On-board graphics card *	✓
Touchscreen *	✗	On-board GPU manufacturer	Intel
HD type	WQXGA	Discrete graphics card *	✓
Native aspect ratio	16:10	On-board graphics card family	Intel Arc Graphics
Anti-glare screen	✓	On-board graphics card model *	Intel Arc 140T
Display brightness	400 cd/m²	Audio	
RGB colour space	DCI-P3	Audio system	Dolby Atmos
Colour gamut	99%	Number of built-in speakers	4
Processor		Speaker power	3 W
Processor manufacturer *	Intel	Number of microphones	2
Processor family *	Intel Core Ultra 7	Camera	
Processor generation	Intel Core Ultra (Series 2)	Front camera	✓
Processor model *	255H	Front camera HD type	Full HD
Processor cores	16	Network	
Processor threads	16	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor boost frequency	5.1 GHz	Mobile network connection *	✗
Performance cores	6	Bluetooth	✓
Efficient cores	8	Bluetooth version	5.4
Low Power Efficient-cores	2	Ports & interfaces	
Performance-core Max Turbo Frequency	5.1 GHz	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Efficient-core Max Turbo Frequency	4.4 GHz	HDMI ports quantity *	1
Low Power Efficient-core Max Turbo Frequency	2.5 GHz	Thunderbolt 4 ports quantity	2
Performance-core base frequency	2 GHz	Intel® Thunderbolt 4	✓
Efficient-core base frequency	1.5 GHz	Combo headphone/mic port	✓
Low Power Efficient-core Base Frequency	700 MHz		

Processor		Keyboard	
Processor cache	24 MB	Pointing device	Touchpad
Processor base power	28 W	Numeric keypad *	✓
Maximum turbo power	115 W	Copilot key	✓
Neural processor unit (NPU)		Software	
Neural processor unit (NPU)	Intel AI Boost	Operating system installed *	Windows 11 Home
Sparsity support	✓	Battery	
Windows Studio effects support	✓	Battery technology	Lithium-Ion (Li-Ion)
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN	Battery capacity *	90 Wh
Total processor performance up to	96 TOPs	Battery life (max)	25 h
NPU performance up to	13 TOPs	Power	
GPU performance up to	74 TOPs	AC adapter power	100 W
Memory		AC adapter frequency	50/60 Hz
Internal memory *	32 GB	AC adapter input voltage	100 - 240 V
Internal memory type	LPDDR5x-SDRAM	USB Type-C charging port *	✓
Memory clock speed	8400 MHz	USB Power Delivery (USB PD)	✓
Storage		Weight & dimensions	
Total storage capacity *	2 TB	Width	378.5 mm
Storage media *	SSD	Depth	265 mm
Total SSDs capacity	2 TB	Height (front)	1.45 cm
SSD interface	PCI Express 4.0	Height (rear)	1.6 cm
NVMe	✓	Weight *	1.48 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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