



LG Gram 17Z90TL Copilot+ PC Intel Core Ultra 7 256V Laptop 43.2 cm (17") WQXGA 16 GB LPDDR5x-SDRAM 2 TB SSD Wi-Fi 7 (802.11be) Windows 11 Home Black



Brand : LG

Product family: Gram

Product code: 17Z90TL-G.AUB5U1

Product name : 17Z90TL

- This 17" powerhouse is just 0.7" thin and an impressively light 3.08 lbs
 - Experience seamless productivity with Copilot+ PC's advanced AI capabilities
 - Intel® Core™ Ultra 7 (Series 2) processor powers seamless AI performance and speed
 - gram Hybrid AI: On-device smarts plus cloud-powered AI for ultimate productivity
 - LG gram Link app offers easy iOS and Android integration of up to 10 devices
 - Enjoy up to 24.5 hours of video playback with a powerful 77Wh battery
 - Passed 7 military-grade durability tests to handle your adventures and daily grind
- 17" 2560 x 1600 WQXGA, Intel Core Ultra 7 256V, 16 GB LPDDR5X-SDRAM, 2 TB SSD, Intel Arc 140V, WLAN 802.11, WebCam, Windows 11 Home

Design

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Introduction year	2025
Country of origin	China
Original brand name	LG

Display

Display diagonal *	43.2 cm (17")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✗
HD type	WQXGA
Panel type	IPS
Native aspect ratio	16:10
Anti-glare screen	✓
Display diagonal (metric)	43.2 cm
RGB colour space	DCI-P3
Colour gamut	99%

Processor

Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel Core Ultra (Series 2)
Processor model *	256V
Processor cores	8
Processor threads	8
Processor boost frequency	4.8 GHz
Performance cores	4
Low Power Efficient-cores	4
Performance-core Max Turbo Frequency	4.8 GHz
Low Power Efficient-core Max Turbo Frequency	3.7 GHz

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✓
On-board GPU manufacturer	Intel
Discrete graphics card *	✗
On-board graphics card family	Intel Arc Graphics
On-board graphics card model *	Intel Arc Graphics 140V
On-board graphics card cores	8
On-board graphics card 4K support	✓
On-board graphics card 8K support	✓
Graphics card Open GL support	✓

Audio

Audio system	Dolby Atmos
Built-in microphone	✓
Number of microphones	2

Camera

Front camera	✓
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD

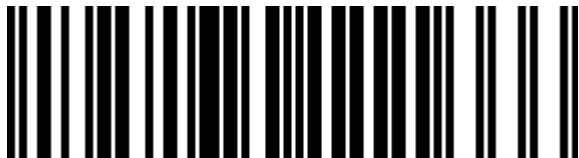
Network

Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Mobile network connection *	✗
Bluetooth	✓
Bluetooth version	5.3

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

Processor		Ports & interfaces	
Performance-core base frequency	2.2 GHz	Intel® Thunderbolt 4	✓
Low Power Efficient-core Base Frequency	2200 MHz	Combo headphone/mic port	✓
Processor cache	12 MB	USB Type-C DisplayPort Alternate Mode	✓
Processor cache type	Smart Cache	Keyboard	
Processor base power	17 W	Pointing device	Touchpad
Maximum turbo power	37 W	Numeric keypad *	✓
Neural processor unit (NPU)		Keyboard backlit	✓
Copilot+ PC	✓	Copilot key	✓
Neural processor unit (NPU)	Intel AI Boost	Software	
Sparsity support	✓	Operating system installed *	Windows 11 Home
Windows Studio effects support	✓	Battery	
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, WebNN, Windows ML	Battery technology	Lithium-Ion (Li-Ion)
Total processor performance up to	115 TOPs	Battery capacity *	77 Wh
NPU performance up to	47 TOPs	Continuous video playback time (max)	24.5 h
Memory		Power	
Internal memory *	16 GB	USB Type-C charging port *	✓
Internal memory type	LPDDR5x-SDRAM	USB Power Delivery (USB PD)	✓
Memory clock speed	8533 MHz	Sustainability	
Memory form factor	On-board	Sustainability certificates	ENERGY STAR
Maximum internal memory *	16 GB	Weight & dimensions	
Storage		Width	378.7 mm
Total storage capacity *	2 TB	Depth	258.8 mm
Storage media *	SSD	Height	17.8 mm
Total SSDs capacity	2 TB	Weight *	1.4 kg
Number of SSDs installed	2	Packaging data	
SSD capacity	1 TB	Package width	497.8 mm
SSD interface	PCI Express 4.0	Package depth	61 mm
NVMe	✓	Package height	307.3 mm
SSD form factor	M.2	Package weight	2.3 kg
Optical drive type *	✗	Packaging content	
		AC adapter included *	✓



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Catalog Object Cloud



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