



LG Gram AI 16Z90TL-G.AU78A1

Brand : LG

Product family: Gram

Product code: 16Z90TL-G.AU78A1

Product name : LG gram AI 16Z90TL-G.AU78A1

- 16" 16:10 WQXGA (2560x1600) Anti-glare IPS display
- Windows 11 / Copilot+ PC
- All-around AI Intel® Core™ Ultra Processor / 16GB LPDDR5x RAM / 1TB SSD Gen4
- gram Hybrid AI / LG gram Link
- 1,239g Lightweight / 77Wh High capacity battery
- Dolby Atmos

G gram AI 16Z90TL 16 inch Ultra-Lightweight Laptop, Intel Core Ultra 7 256V Processor, 16GB RAM, 1TB SSD, gram Hybrid AI, Copilot+ PC, Windows 11 Home (Obsidian Black)

LG Gram AI 16Z90TL-G.AU78A1. Product type: Ultraportable, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 256V. Display diagonal: 40.6 cm (16"), HD type: 2.5K, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Arc Graphics 140V. Product colour: Black



Design		Memory	
Colour name	Obsidian Black	Internal memory *	16 GB
Product type *	Ultraportable	Internal memory type	LPDDR5x-SDRAM
Product colour *	Black	Memory clock speed	8533 MHz
Form factor *	Clamshell	Memory form factor	On-board
Housing material	Magnesium	Maximum internal memory *	16 GB
Market positioning	Premium	Memory channels	Dual-channel
Country of origin	China	Storage	
Original brand name	LG gram	Total storage capacity *	1 TB
Display		Storage media *	SSD
Display diagonal *	40.6 cm (16")	Total SSDs capacity	1 TB
Display resolution *	2560 x 1600 pixels	Number of SSDs installed	1
Touchscreen *	✗	SSD capacity	1 TB
HD type	2.5K	SSD interface	M.2, PCI Express
Panel type	IPS-Pro	SSD form factor	M.2
LED backlight	✓	Optical drive type *	✗
Native aspect ratio	16:10	Graphics	
Display surface	Matt	On-board graphics card *	✓
Anti-glare screen	✓	Discrete graphics card *	✗
Screen shape	Flat	On-board graphics card family	Intel Arc Graphics
Display brightness	320 cd/m²	On-board graphics card model *	Intel Arc Graphics 140V
RGB colour space	DCI-P3	On-board graphics card cores	8
Colour gamut	99%	On-board graphics card 4K support	✓
Maximum refresh rate	60 Hz	On-board graphics card 6K support	✓
Contrast ratio (typical)	1500:1	Network	
DCI-P3 coverage	99%	Wi-Fi	✓
Processor		Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Processor manufacturer *	Intel	Wi-Fi standards	Wi-Fi 7 (802.11be)
Processor family *	Intel Core Ultra 7		

Processor		Network	
Processor model *	256V	Mobile network connection *	✗
Processor cores	8	Bluetooth version	5.3
Processor threads	8	Ports & interfaces	
Processor boost frequency	4.8 GHz	Headphone outputs	1
Processor cache	12 MB	Microphone in	✓
Processor cache type	Smart Cache	Headphone connectivity	3.5mm / Bluetooth
Processor codename	Lunar Lake		



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