LG Gram 17 Intel Core Ultra 7 155U Laptop 43.2 cm (17") WQXGA 32 GB LPDDR5x-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : LG

Product family: Gram

Product code: 17Z90S-G.AD89A1

Product name : gram 17

- Windows 11 Home
- Intel Core Ultra 7 155U (12MB Cache)
- 43.2 cm (17") WQXGA 2560 x 1600 IPS
- 32GB (6400MHz) LPDDR5x-SDRAM & 1000GB SSD

Intel Core Ultra 7 155U (12MB Cache), 32GB LPDDR5x-SDRAM, 1000GB SSD, 43.2 cm (17") WQXGA 2560 x 1600 IPS, Intel Graphics, WLAN, Webcam, Windows 11 Home

LG Gram 17. Product type: Laptop, Form factor: Clamshell. Processor family: Intel Core Ultra 7, Processor model: 155U. 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 Graphics. Operating system installed: Windows 11 Home. Product colour: Black. Weight: 1.35 kg

Design	
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell

Display	
Display diagonal *	43.2 cm (17")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✗
HD type	WQXGA
Panel type	IPS
LED backlight	✓
Native aspect ratio	16:10
Anti-glare screen	✓
Display brightness	350 cd/m²
RGB colour space	DCI-P3
Colour gamut	99%
Maximum refresh rate	60 Hz
Contrast ratio (typical)	1200:1

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel® Core™ Ultra (Series 1)
Processor model *	155U
Processor cores	12
Processor threads	14
Processor boost frequency	4.8 GHz
Performance cores	2
Efficient cores	8
Low Power Efficient-cores	2
Performance-core Max Turbo Frequency	4.8 GHz
Efficient-core Max Turbo Frequency	3.8 GHz
Low Power Efficient-core Max Turbo Frequency	2.1 GHz
Performance-core base frequency	1.7 GHz
Efficient-core base frequency	1.2 GHz

Storage	
Optical drive type *	✗
Card reader integrated	✓
Compatible memory cards	MicroSD (TransFlash)

Graphics	
On-board graphics card *	✓
On-board GPU manufacturer	Intel
On-board graphics card model *	Intel Graphics

Audio	
Audio system	Dolby Atmos
Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	✓
Number of microphones	2

Camera	
Front camera	✓
Front camera HD type	Full HD
Infrared (IR) camera	✓

Network	
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Wi-Fi standards	Wi-Fi 6E (802.11ax)
Mobile network connection *	✗
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Wi-Fi data rate (max)	2400 Mbit/s
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 6E AX211
WLAN controller manufacturer	Intel
Bluetooth	✓
Bluetooth version	5.3
MIMO	✓
MIMO type	Multi User MIMO

Processor	
Low Power Efficient-core Base Frequency	700 MHz
Processor cache	12 MB
Processor cache type	Smart Cache
Processor base power	15 W
Maximum turbo power	57 W

Neural processor unit (NPU)	
Neural processor unit (NPU)	Intel AI Boost
Maximum frequency NPU	1.4 GHz
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	DirectML, ONNX RT, OpenVINO, Windows ML

Memory	
Internal memory *	32 GB
Internal memory type	LPDDR5x-SDRAM
Memory clock speed	6400 MHz
Memory channels	Dual-channel

Storage	
Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB

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
Combo headphone/mic port	✔

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔

Software	
Operating system installed *	Windows 11 Home

Battery	
Battery technology	Lithium-Ion (Li-Ion)
Battery capacity *	77 Wh

Power	
AC adapter power	65 W
USB Type-C charging port *	✔

Security	
Cable lock slot	✔
Cable lock slot type	Kensington

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	2.98 kg

Packaging content	
AC adapter included *	✔

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