LG Gram 17Z90R-K.AD78A1 laptop Intel® Core™ i7 i7-1360P 43.2 cm (17") WQXGA 32 GB LPDDR5-SDRAM 1 TB SSD Wi-Fi 6E (802.11ax) Windows 11 Home Black

Brand : LG

Product family: Gram

Product code: 17Z90R-K.AD78A1

Product name : 17Z90R-K.AD78A1

Intel Core i7-1360P (18MB Cache), 32GB LPDDR5-SDRAM, 1000GB SSD, 43.2 cm (17") WQXGA 2560 x 1600 IPS, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Home

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Ultra-light, Ultra-mighty

Slim and light along with powerful performance, LG gram brings brilliant portability and productivity.

Standard of Premium Display

Be captivated by the rich and vivid colours with WQXGA high resolution 16:10 aspect ratio display that supports wide colour gamut, DCI-P3 99%(Typ.) which allows you to see more content with less scrolling.

LG Security Guard

Stay secured even outside. Your gram will lock itself and send an alert when it detects an abnormal situation, such as loss.

Flexible Connectivity with Various Devices

LG gram offers not only various ports but also two Thunderbolt™ 4 for ultimate scalability. Experience 5k display at a 40 GB transfer speed while charging external devices simultaneously.

Design	
Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Performance
Introduction year	2023

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 brightness	350 cd/m²
Display diagonal (metric)	43.18 cm
RGB colour space	DCI-P3
Colour gamut	99%
Maximum refresh rate	60 Hz

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	13th gen Intel® Core™ i7
Processor model *	i7-1360P
Processor cores	12
Processor boost frequency	5 GHz

Graphics	
Discrete graphics card *	✗
On-board graphics card family	Intel Iris Xe Graphics
On-board graphics card model *	Intel Iris Xe Graphics

Audio	
Number of built-in speakers	2
Built-in microphone	✓

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 *	✗
Antenna type	2x2
WLAN controller model	Intel Wi-Fi 6E AX211
WLAN controller manufacturer	Intel
Bluetooth	✓
Bluetooth version	5.1

Ports & interfaces	
USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
HDMI ports quantity *	1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✓

Processor	
Performance cores	4
Efficient cores	8
Performance-core Max Turbo Frequency	5 GHz
Efficient-core Max Turbo Frequency	3.7 GHz
Processor cache	18 MB
Processor cache type	Smart Cache
Configurable TDP-down	20 W
Processor base power	28 W
Maximum turbo power	64 W

Memory	
Internal memory *	32 GB
Internal memory type	LPDDR5-SDRAM
Memory clock speed	6000 MHz
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM

Storage	
Total storage capacity *	1 TB
Storage media *	SSD
Total SSDs capacity	1 TB
Number of SSDs installed	1
SSD capacity	1 TB
NVMe	✓
SSD form factor	M.2
Optical drive type *	✗
Card reader integrated	✓
Compatible memory cards	MicroSD (TransFlash)

Graphics	
Discrete graphics card model *	Not available
On-board graphics card *	✓
On-board GPU manufacturer	Intel

Ports & interfaces	
USB Type-C DisplayPort Alternate Mode	✓
USB Power Delivery	✓

Keyboard	
Pointing device	Touchpad
Numeric keypad *	✓
Keyboard backlit	✓
Full-size keyboard	✓

Software	
Operating system installed *	Windows 11 Home

Processor special features	
Intel® Evo™ Platform Verified	✓
CPU configuration (max)	1

Battery	
Battery capacity *	80 Wh

Power	
AC adapter power	65 W

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	2.5 kg

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