



LG Gram 17Z90R-K.AD78A1 notebook i7-1360P 43.2 cm (17") WQXGA Intel® Core™ i7 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, 4.7GHz), 32GB LPDDR5-SDRAM, 1TB SSD, 43.2 cm (17") WQXGA 2560 x 1600 IPS, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Home
 LG Gram 17Z90R-K.AD78A1. Product type: Notebook, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1360P. Display diagonal: 43.2 cm (17"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Home. Product colour: Black. Weight: 1.35 kg



Design		Network	
Colour name	Obsidian Black	Mobile network connection *	✗
Product type *	Notebook	Bluetooth	✓
Product colour *	Black	Bluetooth version	5.1
Form factor *	Clamshell	Ports & interfaces	
Housing material	Magnesium	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Country of origin	China	USB4 Gen 3x2 ports quantity	2
Display		HDMI ports quantity *	1
Display diagonal *	43.2 cm (17")	Thunderbolt 4 ports quantity	2
Display resolution *	2560 x 1600 pixels	Combo headphone/mic port	✓
Touchscreen *	✗	Charging port type	USB Type-C
HD type	WQXGA	Headphone connectivity	3.5mm / Bluetooth
Panel type	IPS	Keyboard	
LED backlight	✓	Pointing device	Touchpad
Native aspect ratio	16:10	Numeric keypad *	✓
Anti-glare screen	✓	Keyboard backlit	✓
Display brightness	350 cd/m ²	Software	
RGB colour space	DCI-P3	Operating system installed *	Windows 11 Home
Colour gamut	99%	Processor special features	
Maximum refresh rate	60 Hz	Intel® Evo™ Platform Verified	✓
Processor		Intel Flex Memory Access	✓
Processor manufacturer *	Intel	Intel Trusted Execution Technology	✓
Processor generation	13th gen Intel® Core™ i7	Intel VT-x with Extended Page Tables (EPT)	✓
Processor model *	i7-1360P	Execute Disable Bit	✓
Processor family *	Intel® Core™ i7		
Processor codename	Raptor Lake		
Configurable TDP-down	20 W		

Processor		Processor special features	
Processor technology	13th Gen Intel® Core™ Processor i7-1260P	Processor code	i7-1360P
Memory		CPU configuration (max)	1
Internal memory *	32 GB	Embedded options available	✗
Internal memory type	LPDDR5-SDRAM	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Memory clock speed	6000 MHz	Intel Virtualization Technology (VT-x)	✓
Storage		Battery	
Total storage capacity *	1 TB	Battery capacity *	80 Wh
Storage media *	SSD	Battery life (max)	19.5 h
Total SSDs capacity	1 TB	Power	
Number of SSDs installed	1	Battery life power on	19.5 h
SSD capacity	1 TB	Security	
SSD interface	NVMe	Face recognition	✓
NVMe	✓	Windows Hello	✓
SSD form factor	M.2	Trusted Platform Module (TPM)	✓
SSD performance class	40	Weight & dimensions	
Optical drive type *	✗	Width	378.8 mm
Graphics		Depth	258.8 mm
Discrete graphics card model *	Not available	Height	17.7 mm
On-board graphics card *	✓	Weight *	1.35 kg
Discrete graphics card *	✗	Packaging data	
On-board graphics card family	Intel Iris Xe	Package width	497 mm
On-board graphics card model *	Intel Iris Xe Graphics	Package depth	309 mm
Audio		Package height	60 mm
Audio system	Dolby Atmos	Package weight	2.5 kg
Built-in speaker(s)	✓	Hard drive	
Number of built-in speakers	2	Storage drive type	Solid State Drive
Speaker power	2 W	Packaging content	
Built-in microphone	✓	Quick start guide	✓
Number of microphones	2	Technical details	
Camera		Built-in optical drive	✗
Front camera	✓	Resolution	2560 x 1600 pixels
Front camera HD type	Full HD	Notebook display diagonal (cm/inch)	17
Infrared (IR) camera	✓	Processor	i7-1360P
Network			
Wi-Fi	✓		
Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)		
Wi-Fi standards	Wi-Fi 6E (802.11ax)		



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