



LG Gram 16Z90Q-N.AP52A8 laptop Intel® Core™ i5 i5-1240P 40.6 cm (16") WQXGA 16 GB LPDDR5-SDRAM 256 GB SSD Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : LG

Product family: Gram

Product code: 16Z90Q-N.AP52A8

Product name : 16Z90Q-N.AP52A8

- Windows 11 Pro
- Intel Core i5-1240P (12MB Cache, 4.4GHz)
- 40.6 cm (16") WQXGA 2560 x 1600 IPS
- 16GB (5200MHz) LPDDR5-SDRAM & 256GB SSD
Intel Core i5-1240P (12MB Cache, 4.4GHz), 16GB LPDDR5-SDRAM, 256GB SSD, 40.6 cm (16") WQXGA 2560 x 1600 IPS, Intel Iris Xe Graphics, WLAN, Webcam, Windows 11 Pro
LG Gram 16Z90Q-N.AP52A8. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-1240P, Processor frequency: 4.4 GHz. Display diagonal: 40.6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: LPDDR5-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Audio	
Colour name	Obsidian Black	Audio system	DTS:X Ultra
Product type *	Laptop	Number of built-in speakers	2
Product colour *	Black	Built-in microphone	✓
Form factor *	Clamshell	Number of microphones	2
Housing material	Magnesium	Camera	
Country of origin	China	Front camera	✓
Display		Network	
Display diagonal *	40.6 cm (16")	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
Display resolution *	2560 x 1600 pixels	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Touchscreen *	✗	Mobile network connection *	✗
HD type	WQXGA	Bluetooth	✓
Panel type	IPS	Bluetooth version	5.1
LED backlight	✓	Ports & interfaces	
Native aspect ratio	16:10	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Anti-glare screen	✓	HDMI ports quantity *	1
Display brightness	350 cd/m²	HDMI version	1.4
RGB colour space	DCI-P3	Thunderbolt 4 ports quantity	2
Colour gamut	99%	Combo headphone/mic port	✓
Processor		Charging port type	DC-in jack
Processor manufacturer *	Intel	Keyboard	
Processor family *	Intel® Core™ i5	Numeric keypad *	✓
Processor model *	i5-1240P	Keyboard backlight	✓
Processor cores	12	Software	
Processor frequency *	4.4 GHz	Operating system installed *	Windows 11 Pro
Processor cache	12 MB	Processor special features	
Processor codename	Alder Lake	Intel Flex Memory Access	✓
Configurable TDP-down	20 W	Intel Trusted Execution Technology	✓
Processor technology	12th Gen Intel® Core™ Processor i5-1240P	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Execute Disable Bit	✓
Internal memory *	16 GB	CPU configuration (max)	1
Internal memory type	LPDDR5-SDRAM	Embedded options available	✗
Memory clock speed	5200 MHz		

Storage		Processor special features	
Total storage capacity *	256 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Storage media *	SSD	Intel Virtualization Technology (VT-x)	✓
Total SSDs capacity	256 GB		
Number of SSDs installed	1		
SSD capacity	256 GB		
SSD interface	PCI Express 4.0		
NVMe	✓		
SSD form factor	M.2		
Optical drive type *	✗		
Graphics		Battery	
Discrete graphics card model *	Not available	Battery capacity *	80 Wh
On-board graphics card *	✓	Battery life (max)	19.5 h
On-board GPU manufacturer	Intel		
Discrete graphics card *	✗		
On-board graphics card family	Intel Iris Xe Graphics		
On-board graphics card model *	Intel Iris Xe Graphics		
		Weight & dimensions	
		Width	354.5 mm
		Depth	242.1 mm
		Height	16.8 mm
		Weight *	1.2 kg
		Packaging data	
		Package width	473 mm
		Package depth	292 mm
		Package height	60 mm
		Package weight	2.25 kg

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