



## LG Gram 16Z90P Intel® Core™ i7 i7-1165G7 Laptop 40,6 cm (16") WQXGA 16 GB LPDDR4x-SDRAM 512 GB SSD Wi-Fi 6 (802.11ax) Windows 10 Pro Black

Brand : LG

Product family: Gram

Product code: 16Z90P-  
G.AP75D

Product name : 16Z90P

LG Gram 16Z90P. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1165G7. Display diagonal: 40,6 cm (16"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: LPDDR4x-SDRAM. Total storage capacity: 512 GB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 10 Pro. Product colour: Black. Weight: 1,19 kg



Design		Network	
Product type *	Laptop	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Product colour *	Black	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Form factor *	Clamshell	Mobile network connection *	✗
Display		WLAN controller model	Intel Wi-Fi 6 AX201
Display diagonal *	40,6 cm (16")	Ethernet LAN	✓
Display resolution *	2560 x 1600 pixels	Ethernet LAN data rates	10,100,1000 Mbit/s
Touchscreen *	✗	Bluetooth version	5.1
HD type	WQXGA	Ports & interfaces	
Panel type	IPS	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Native aspect ratio	16:10	Thunderbolt technology	✓
Display brightness	300 cd/m²	USB4 Gen 3x2 ports quantity	2
Display diagonal (metric)	40,6 cm	Ethernet LAN (RJ-45) ports	1
Colour gamut DCI-P3	99%	HDMI ports quantity *	1
Processor		Combo headphone/mic port	✓
Processor manufacturer *	Intel	USB Type-C DisplayPort Alternate Mode	✓
Processor family *	Intel® Core™ i7	Keyboard	
Processor generation	11th gen Intel® Core™ i7	Pointing device	Touchpad
Processor model *	i7-1165G7	Numeric keypad *	✓
Processor cores	4	Keyboard backlit	✓
Processor boost frequency	4,7 GHz	Software	
Processor cache	12 MB	Operating system architecture	64-bit
Processor cache type	Smart Cache	Operating system installed *	Windows 10 Pro
Configurable TDP-up frequency	2,8 GHz	Processor special features	
Configurable TDP-up	28 W	Intel Trusted Execution Technology	✗
Configurable TDP-down	12 W	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-down frequency	1,2 GHz	Intel Stable Image Platform Program (SIPP)	✗
Memory		Intel Software Guard Extensions (Intel SGX)	✗
Internal memory *	16 GB	Idle States	✓
Internal memory type	LPDDR4x-SDRAM	CPU configuration (max)	1
Memory clock speed	4266 MHz		
Memory layout (slots x size)	2 x 8 GB		
Storage			
Total storage capacity *	512 GB		
Storage media *	SSD		

Storage		Processor special features	
Total SSDs capacity	512 GB	Embedded options available	✗
Number of SSDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD capacity	512 GB	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	✗	Battery	
Card reader integrated	✓	Number of battery cells	4
Compatible memory cards	MicroSD (TransFlash)	Battery capacity *	80 Wh
Graphics		Battery life (max)	16,5 h
Discrete graphics card model *	Not available	Power	
On-board graphics card *	✓	AC adapter power	65 W
On-board GPU manufacturer	Intel	USB Type-C charging port *	✓
Discrete graphics card *	✗	Security	
On-board graphics card family	Intel Iris Xe Graphics	Cable lock slot	✓
On-board graphics card model *	Intel Iris Xe Graphics	Cable lock slot type	Kensington
Audio		Fingerprint reader	✓
Audio system	DTS:X Ultra	Trusted Platform Module (TPM)	✓
Number of built-in speakers	2	Weight & dimensions	
Speaker power	2 W	Width	355,9 mm
Built-in microphone	✓	Depth	243,4 mm
Number of microphones	2	Height	16,8 mm
Camera		Weight *	1,19 kg
Front camera	✓		
Front camera HD type	HD		
Privacy camera	✓		



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