



# LG Gram 17Z90P-K.AA78A1 laptop Intel® Core™ i7 i7-1165G7 43.2 cm (17") WQXGA 16 GB LPDDR4x-SDRAM 1 TB SSD Wi-Fi 6 (802.11ax) Windows 10 Home Black

Brand : LG

Product family: Gram

Product code: 17Z90P-K.AA78A1



Product name : 17Z90P-K.AA78A1

- Ultra-light weight 1,350g
- 17" 16:10 WQXGA (2560 x 1600) IPS Display
- DCI-P3 99% (Typ.)
- Intel® Evo™ platform w/ 11th Gen Intel® Core™ processors
- Up to 19.5 hours battery life (80Wh)
- Thunderbolt™ 4

17", 2560 x 1600, WQXGA, Intel Core i7-1165G7, up to 4.7 GHz, Intel Iris Xe, 16 GB LPDDR4X, 1 TB SSD M.2, Wi-Fi 6, Bluetooth 5.1, USB 4 Gen3x2, Thunderbolt 4, Windows 10 Home

LG Gram 17Z90P-K.AA78A1. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1165G7. Display diagonal: 43.2 cm (17"), HD type: WQXGA, Display resolution: 2560 x 1600 pixels. Internal memory: 16 GB, Internal memory type: LPDDR4x-SDRAM. Total storage capacity: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 10 Home. Product colour: Black. Weight: 1.35 kg



Design		Network	
Product type *	Laptop	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Product colour *	Black	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Intel® vPro™ Platform Eligibility	✗	WLAN controller model	Intel Wi-Fi 6 AX201
Country of origin	China	WLAN controller manufacturer	Intel
Display		Bluetooth	✓
Display diagonal *	43.2 cm (17")	Bluetooth version	5.1
Display resolution *	2560 x 1600 pixels	Ports & interfaces	
Touchscreen *	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
HD type	WQXGA	USB4 Gen 3x2 ports quantity	2
Panel type	IPS	HDMI ports quantity *	1
Native aspect ratio	16:10	Intel® Thunderbolt 4	✓
RGB colour space	DCI-P3	Charging port type	DC-in jack
Colour gamut	99%	USB Power Delivery	✓
Processor		Keyboard	
Processor manufacturer *	Intel	Pointing device	Touchpad
Processor family *	Intel® Core™ i7	Numeric keypad *	✓
Processor generation	11th gen Intel® Core™ i7	Keyboard backlit	✓
Processor model *	i7-1165G7	Full-size keyboard	✓
Processor cores	4	Keyboard number of keys	101
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 Home
Configurable TDP-up frequency	2.8 GHz	Processor special features	
Configurable TDP-up	28 W	Intel® Evo™ Platform Verified	✓
Configurable TDP-down	12 W	Intel Trusted Execution Technology	✗
Configurable TDP-down frequency	1.2 GHz	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel Stable Image Platform Program (SIPP)	✗
Internal memory *	16 GB	Intel Software Guard Extensions (Intel SGX)	✗
Internal memory type	LPDDR4x-SDRAM	Idle States	✓
Memory clock speed	4266 MHz		
Storage			
Total storage capacity *	1 TB		

<b>Storage</b>		<b>Processor special features</b>	
Storage media *	SSD	CPU configuration (max)	1
Total SSDs capacity	1 TB	Embedded options available	✗
SSD form factor	M.2	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	✗	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓		
Compatible memory cards	MicroSD (TransFlash)		
<b>Graphics</b>		<b>Battery</b>	
Discrete graphics card model *	Not available	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card *	✓	Battery capacity *	80 Wh
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		
<b>Audio</b>		<b>Power</b>	
Number of built-in speakers	2	AC adapter power	65 W
Speaker power	5 W		
Built-in microphone	✓		
Number of microphones	2		
<b>Camera</b>		<b>Security</b>	
Front camera	✓	Cable lock slot	✓
Front camera HD type	HD	Cable lock slot type	Kensington
		Fingerprint reader	✓
		Password protection	✓
		Password protection type	HDD
<b>Network</b>		<b>Certificates</b>	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	MIL-STD-810G compliant	✓
		<b>Weight &amp; dimensions</b>	
		Width	380.2 mm
		Depth	260.1 mm
		Height	17.8 mm
		Weight *	1.35 kg



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