



LG Gram 17Z90P-K.AA78A1 notebook i7-1165G7 43.2 cm (17") WQXGA Intel® Core™ i7 16 GB LPDDR4x-SDRAM 1000 GB 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: Notebook, 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: 1000 GB, 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 *	Notebook	Mobile network connection *	✗
Product colour *	Black	Antenna type	2x2
Form factor *	Clamshell	WLAN controller model	Intel Wi-Fi 6 AX201
Intel® vPro™ Platform Eligibility	✗	WLAN controller manufacturer	Intel
Country of origin	China	Bluetooth	✓
Display		Bluetooth version	5.1
Display diagonal *	43.2 cm (17")	Ports & interfaces	
Display resolution *	2560 x 1600 pixels	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Touchscreen *	✗	USB4 Gen 3x2 ports quantity	2
HD type	WQXGA	HDMI ports quantity *	1
Panel type	IPS	Intel® Thunderbolt 4	✓
Native aspect ratio	16:10	Charging port type	DC-in jack
RGB colour space	DCI-P3	USB Power Delivery	✓
Colour gamut	99%	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	Intel	Numeric keypad *	✓
Processor generation	11th gen Intel® Core™ i7	Keyboard backlit	✓
Processor model *	i7-1165G7	Full-size keyboard	✓
Processor family *	Intel® Core™ i7	Keyboard number of keys	101
Processor boost frequency	4.7 GHz	Software	
Processor cores	4	Operating system architecture	64-bit
Processor cache	12 MB	Operating system installed *	Windows 10 Home
Processor cache type	Smart Cache	Processor special features	
Configurable TDP-up frequency	2.8 GHz	Intel® Evo™ Platform Verified	✓
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 (SIIP)	✗
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	Storage	
Storage		Total storage capacity *	1000 GB

Storage		Processor special features	
Storage media *	SSD	Embedded options available	✘
Total SSDs capacity	1000 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD form factor	M.2	Intel Virtualization Technology (VT-x)	✓
Optical drive type *	✘	Battery	
Card reader integrated	✓	Battery technology	Lithium-Ion (Li-Ion)
Compatible memory cards	MicroSD (TransFlash)	Battery capacity *	80 Wh
Graphics		Power	
Discrete graphics card model *	Not available	AC adapter power	65 W
On-board graphics card *	✓	Security	
Discrete graphics card *	✘	Cable lock slot	✓
On-board graphics card family	Intel Iris Xe	Cable lock slot type	Kensington
On-board graphics card model *	Intel Iris Xe Graphics	Fingerprint reader	✓
Audio		Password protection	✓
Number of built-in speakers	2	Password protection type	HDD
Speaker power	5 W	Certificates	
Built-in microphone	✓	MIL-STD-810G compliant	✓
Number of microphones	2	Weight & dimensions	
Camera		Width	380.2 mm
Front camera	✓	Depth	260.1 mm
Front camera HD type	HD	Height	17.8 mm
Network		Weight *	1.35 kg
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)		
Wi-Fi standards	Wi-Fi 6 (802.11ax)		



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