![LG logo]

LG Gram 16Z90P Intel® Core™ i7 i7-1165G7 Laptop 40,6 cm (16") WQXGA 16 GB LPDDR4x-SDRAM 1 TB SSD Wi-Fi 6 (802.11ax) Windows 10 Home Black

Brand : LG

Product family: Gram

Product code: 16Z90P-G.AA88P

Product name : 16Z90P

LG Gram 16Z90P. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-1165G7, Processor frequency: 2,8 GHz. 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: 1 TB, Storage media: SSD. On-board graphics card model: Intel Iris Xe Graphics. Operating system installed: Windows 10 Home. Product colour: Black

Design

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell

Display

Display diagonal *	40,6 cm (16")
Display resolution *	2560 x 1600 pixels
Touchscreen *	✘
HD type	WQXGA
Panel type	IPS
Native aspect ratio	16:10
Display brightness	300 cd/m²
RGB colour space	DCI-P3
Colour gamut	99%

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	11th gen Intel® Core™ i7
Processor model *	i7-1165G7
Processor cores	4
Processor boost frequency	4,7 GHz
Processor frequency *	2,8 GHz
Processor cache	12 MB
Processor cache type	Smart Cache
Configurable TDP-up frequency	2,8 GHz
Configurable TDP-up	28 W
Configurable TDP-down	12 W
Configurable TDP-down frequency	1,2 GHz

Memory

Internal memory *	16 GB
Internal memory type	LPDDR4x-SDRAM
Memory clock speed	4266 MHz

Storage

Total storage capacity *	1 TB
Storage media *	SSD

Network

WLAN controller manufacturer	Intel
Bluetooth	✔
Bluetooth version	5.1

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Thunderbolt technology	✔
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
Thunderbolt 4 ports quantity	2
Intel® Thunderbolt 4	✔
Headphone outputs	1
USB Type-C DisplayPort Alternate Mode	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Full-size keyboard	✔

Software

Operating system architecture	64-bit
Operating system installed *	Windows 10 Home

Processor special features

Intel® Evo™ Platform Verified	✔
Intel Trusted Execution Technology	✘
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Stable Image Platform Program (SIPP)	✘
Intel Software Guard Extensions (Intel SGX)	✘
Idle States	✔
CPU configuration (max)	1
Embedded options available	✘

Storage

Total SSDs capacity	1 TB
Number of SSDs installed	1
Solid-state drive capacity	1 TB
Solid-state drive interface	NVMe
NVMe	✔
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card family	Intel Iris Xe Graphics
On-board graphics card model *	Intel Iris Xe Graphics
On-board graphics card 4K support	✔
On-board graphics card 6K support	✔
Graphics card Open GL support	✔

Audio

Audio system	DTS:X Ultra
Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution	1280 x 720 pixels
Front camera HD type	HD

Network

Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Mobile network connection *	✘
WLAN controller model	Intel Wi-Fi 6 AX201

Processor special features

Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Virtualization Technology (VT-x)	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Battery capacity *	80 Wh
Battery life (max)	16,5 h
Fast charging	✔

Power

AC adapter power	65 W
USB Type-C charging port *	✔
USB Power Delivery	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Fingerprint reader	✔
Trusted Platform Module (TPM)	✔
Password protection	✔
Password protection type	HDD

Weight & dimensions

Width	355,9 mm
Depth	243,4 mm
Height	16,8 mm
Weight *	1,19 kg

Packaging data

Package width	469 mm
Package depth	70 mm
Package height	291 mm
Package weight	2,15 kg

Packaging content

Cables included	USB Type-C

8806091584779

Catalog Object Cloud