



LG Gram 14" Intel® Core™ i7 i7-8565U Laptop 35.6 cm (14") Full HD 16 GB DDR4-SDRAM 256 GB SSD Wi-Fi 5 (802.11ac) Windows 10 Home Silver

Brand : LG

Product family: Gram

Product code: 14Z990-R.AAS7U1

Product name : 14"

- Windows 10 Home 64-bit

- Intel Core i7-8565U (8MB Cache, 1.8GHz)

- 35.6 cm (14") Full HD 1920 x 1080

- 16GB (2400MHz) DDR4-SDRAM (1 x 8) & 256GB SSD

Intel Core i7-8565U (8MB Cache, 1.8GHz), 16GB DDR4-SDRAM, 256GB SSD, 35.6 cm (14") Full HD 1920 x 1080, Intel UHD Graphics, WLAN, Webcam, Windows 10 Home 64-bit

LG Gram 14". Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-8565U, Processor frequency: 1.8 GHz. Display diagonal: 35.6 cm (14"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM.

Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® UHD

Graphics. Operating system installed: Windows 10 Home. Product colour: Silver



Design		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Product colour *	Silver	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Form factor *	Clamshell	HDMI ports quantity *	1
Display		Headphone outputs	1
Display diagonal *	35.6 cm (14")	Keyboard	
Display resolution *	1920 x 1080 pixels	Numeric keypad *	✗
Touchscreen *	✗	Keyboard backlit	✓
HD type	Full HD	Software	
Native aspect ratio	16:9	Operating system architecture	64-bit
Processor		Operating system installed *	Windows 10 Home
Processor manufacturer *	Intel	Processor special features	
Processor family *	Intel® Core™ i7	Intel® My WiFi Technology (Intel® MWT)	✓
Processor generation	8th gen Intel® Core™ i7	Intel® Smart Response Technology	✓
Processor model *	i7-8565U	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cores	4	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor threads	8	Intel® Turbo Boost Technology	2.0
Processor boost frequency	4.6 GHz	Enhanced Intel SpeedStep Technology	✓
Processor frequency *	1.8 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
System bus rate	4 GT/s	Intel Clear Video Technology	✓
Processor cache	8 MB	Intel® Quick Sync Video Technology	✓
Processor cache type	Smart Cache	Intel Flex Memory Access	✓
Processor socket	BGA 1528	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor lithography	14 nm	Intel Trusted Execution Technology	✗
Processor operating modes	64-bit	Intel Enhanced Halt State	✓
Processor codename	Whiskey Lake	Intel VT-x with Extended Page Tables (EPT)	✓
Bus type	OPI	Intel® Secure Key	✓
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	2 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	10 W		
Configurable TDP-down frequency	0.8 GHz		
Tjunction	100 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	3.0		

Processor		Processor special features	
PCI Express configurations	1x4, 2x2	Intel TSX-NI	✗
Memory		Intel® OS Guard	✓
Internal memory *	16 GB	Intel Software Guard Extensions (Intel SGX)	✓
Internal memory type	DDR4-SDRAM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Memory clock speed	2400 MHz	Intel 64	✓
Memory form factor	On-board + SO-DIMM	Execute Disable Bit	✓
Memory layout (slots x size)	1 x 8 GB	Idle States	✓
Storage		Thermal Monitoring Technologies	✓
Total storage capacity *	256 GB	Processor package size	46x24 mm
Storage media *	SSD	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Number of SSDs installed	1	CPU configuration (max)	1
SSD capacity	256 GB	Embedded options available	✗
SSD interface	SATA III	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	✗	Intel Identity Protection Technology version	1.00
Card reader integrated	✓	Intel Smart Response Technology version	1.00
Graphics		Intel Secure Key Technology version	1.00
Discrete graphics card model *	Not available	Intel TSX-NI version	0.00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✗	Processor ARK ID	149091
On-board graphics card model *	Intel® UHD Graphics	Battery	
On-board graphics card base frequency	300 MHz	Number of battery cells	4
On-board graphics card dynamic frequency (max)	1150 MHz	Battery capacity *	72 Wh
Maximum on-board graphics card memory	32 GB	Battery voltage	7.7 V
On-board graphics card DirectX version	12.0	Battery weight	270 g
On-board graphics card OpenGL version	4.5	Power	
On-board graphics card ID	0x3EA0	DC-in jack	✓
Audio		Security	
Number of built-in speakers	2	Fingerprint reader	✓
Built-in microphone	✓	Weight & dimensions	
Camera		Width	322.6 mm
Front camera	✓	Depth	210.8 mm
Network		Height	15.2 mm
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Weight *	995 g
Wi-Fi standards	Wi-Fi 5 (802.11ac)		
Mobile network connection *	✗		
Ethernet LAN	✗		
Bluetooth	✓		
Bluetooth version	5.0		



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Catalog Object Cloud



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