



ASUS ROG Strix GL704GW-EV005T-BE Scar II i7-8750H Notebook
43.9 cm (17.3") Full HD Intel® Core™ i7 16 GB DDR4-SDRAM 1512
GB Hybrid-HDD+SSD NVIDIA® GeForce RTX™ 2070 Wi-Fi 5
(802.11ac) Windows 10 Home Black



Brand : ASUS

Product family: ROG

Product code: 90NR00M1-M00240

Product name : GL704GW-EV005T-BE Scar II

Intel Core i7-8750H (2.2GHz, 9M Cache), 16GB RAM, 1000GB SSHD, 512GB SSD, Intel UHD Graphics 630, NVIDIA GeForce RTX 2070, WLAN 802.11, Ethernet, Windows 10 Home
ASUS ROG Strix GL704GW-EV005T-BE Scar II. Product type: Notebook, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-8750H, Processor frequency: 2.2 GHz. Display diagonal: 43.9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1512 GB, Storage media: Hybrid-HDD+SSD. On-board graphics card model: Intel® UHD Graphics 630. Operating system installed: Windows 10 Home. Product colour: Black

Design		Ports & interfaces	
Product type *	Notebook	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Product colour *	Black	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Form factor *	Clamshell	Ethernet LAN (RJ-45) ports	1
Market positioning	Gaming	HDMI ports quantity *	1
Display		HDMI version	2.0b
Display diagonal *	43.9 cm (17.3")	Mini DisplayPorts quantity	1
Display resolution *	1920 x 1080 pixels	DVI port	✗
Touchscreen *	✗	Combo headphone/mic port	✓
HD type	Full HD	Alienware graphics amplifier port	✗
Panel type	IPS	Charging port type	DC-in jack
LED backlight	✓	ExpressCard slot	✗
Native aspect ratio	16:9	CardBus PCMCIA slot type	✗
Display surface	Matt	SmartCard slot	✗
Display response rise/fall	3 ms	TV-out	✗
Maximum refresh rate	144 Hz	Performance	
Processor		Virtual Reality (VR) ready	✓
Processor manufacturer *	Intel	Keyboard	
Processor generation	8th gen Intel® Core™ i7	Pointing device	Touchpad
Processor model *	i7-8750H	Keyboard layout	AZERTY
Processor family *	Intel® Core™ i7	Numeric keypad *	✓
Processor frequency *	2.2 GHz	Keyboard backlit	✓
Processor boost frequency	4.1 GHz	Full-size keyboard	✓
Processor threads	12	Windows keys	✓
System bus rate	8 GT/s	Software	
Processor cores	6	Operating system architecture	64-bit
Processor cache	9 MB	Operating system installed *	Windows 10 Home
Processor cache type	Smart Cache	Processor special features	
Processor socket	BGA 1440	Intel® My WiFi Technology (Intel® MWT)	✓
Processor lithography	14 nm	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor operating modes	64-bit		
Processor codename	Coffee Lake		
Bus type	DMI		
Stepping	U0		
Thermal Design Power (TDP)	45 W		

Processor		Processor special features	
Configurable TDP-down	35 W	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Configurable TDP-down frequency	1.7 GHz	Intel® Turbo Boost Technology	2.0
Tjunction	100 °C	Enhanced Intel SpeedStep Technology	✓
Maximum number of PCI Express lanes	16	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
PCI Express slots version	3.0	Intel Clear Video Technology	✓
PCI Express configurations	1x16, 1x8+2x4, 2x8	Intel® InTru™ 3D Technology	✓
ECC supported by processor	✗	Intel® Quick Sync Video Technology	✓
Memory		Intel Flex Memory Access	✓
Internal memory *	16 GB	Intel® AES New Instructions (Intel® AES-NI)	✓
Internal memory type	DDR4-SDRAM	Intel Trusted Execution Technology	✗
Memory clock speed	2666 MHz	Intel Enhanced Halt State	✓
Memory form factor	SO-DIMM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory slots	2x SO-DIMM	Intel® Secure Key	✓
Maximum internal memory *	32 GB	Intel TSX-NI	✗
Storage		Intel Stable Image Platform Program (SIPP)	✗
Total storage capacity *	1512 GB	Intel® OS Guard	✓
Storage media *	Hybrid-HDD+SSD	Intel Software Guard Extensions (Intel SGX)	✓
Hybrid-HDD capacity	1000 GB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Hybrid-HDD cache memory	8 GB	Intel 64	✓
Total SSDs capacity	512 GB	Execute Disable Bit	✓
Optical drive type *	✗	Idle States	✓
Card reader integrated	✓	Thermal Monitoring Technologies	✓
Compatible memory cards	SD	Processor package size	42 x 28 mm
Graphics		Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Discrete graphics card model *	NVIDIA® GeForce RTX™ 2070	Processor code	SR3YY
On-board graphics card *	✓	CPU configuration (max)	1
Discrete graphics card *	✓	Embedded options available	✗
On-board graphics card family	Intel® UHD Graphics	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card model *	Intel® UHD Graphics 630	Intel Identity Protection Technology version	1.00
On-board graphics card base frequency	350 MHz	Intel Stable Image Platform Program (SIPP) version	0.00
On-board graphics card dynamic frequency (max)	1100 MHz	Intel Secure Key Technology version	1.00
Maximum on-board graphics card memory	64 GB	Intel TSX-NI version	0.00
On-board graphics card DirectX version	12.0	Intel Virtualization Technology (VT-x)	✓
On-board graphics card OpenGL version	4.5	Processor ARK ID	134906
On-board graphics card ID	0x3E9B	Power	
Discrete graphics card memory	8 GB	AC adapter power	230 W
Discrete graphics memory type	GDDR6	Security	
Audio		Cable lock slot	✓
Number of built-in speakers	2	Cable lock slot type	Kensington
Speaker power	3.5 W	Weight & dimensions	
Built-in microphone	✓	Width	399.8 mm
Camera		Depth	273.5 mm
Front camera	✓	Height (front)	2.49 cm
Network		Height (rear)	2.64 cm
Wi-Fi	✓	Weight *	2.9 kg
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Technical details	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Repairability index	5.2
Antenna type	2x2		
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		
Bluetooth version	5.0		

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A
ports quantity *

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