

ASUS ROG Zephyrus S GX701GWR-H6061T laptop Intel® Core™ i7 i7-9750H 43,9 cm (17.3") Full HD 16 GB DDR4-SDRAM 1 TB SSD NVIDIA® GeForce RTX™ 2070 Wi-Fi 5 (802.11ac) Windows 10 Black



Brand : ASUS

Product family: ROG

Article code: GX701GWR-H6061T

Product name : GX701GWR-H6061T

ASUS ROG Zephyrus S GX701GWR-H6061T. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-9750H, Processor frequency: 2,6 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: 1 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics 630. Operating system installed: Windows 10. Product color: Black

Design		Ports & interfaces	
Product type *	Laptop	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Product color *	Black	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Form factor *	Clamshell	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Market positioning	Gaming	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Display		HDMI ports quantity *	1
Display diagonal *	43,9 cm (17.3")	HDMI version	2.0b
Display resolution *	1920 x 1080 pixels	Headphone outputs	1
HD type	Full HD	Combo headphone/mic port	✓
Panel type	IPS	USB Type-C DisplayPort Alternate Mode	✓
LED backlight	✓	Performance	
Native aspect ratio	16:9	Virtual Reality (VR) ready	✓
Dual-screen	✗	Keyboard	
Display response rise/fall	3 ms	Pointing device	Touchpad
Maximum refresh rate	144 Hz	Numeric keypad *	✗
sRGB coverage (typical)	100%	Keyboard backlight	✓
Processor		Windows keys	✓
Processor manufacturer *	Intel	Software	
Processor family *	Intel® Core™ i7	Operating system installed *	Windows 10
Processor generation	9th gen Intel® Core™ i7	Processor special features	
Processor model *	i7-9750H	Intel® My WiFi Technology (Intel® MWT)	✓
Processor cores	6	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor threads	12	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor boost frequency	4,5 GHz	Intel® Turbo Boost Technology	2.0
Processor frequency *	2,6 GHz	Enhanced Intel SpeedStep Technology	✓
System bus rate	8 GT/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache	12 MB	Intel Clear Video Technology	✓
Processor cache type	Smart Cache		
Processor socket	BGA 1440		
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor codename	Coffee Lake		
Thermal Design Power (TDP)	45 W		
Configurable TDP-down	35 W		
Tjunction	100 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel® InTru™ 3D Technology	✓
PCI Express slots version	3.0	Intel® Quick Sync Video Technology	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Flex Memory Access	✓
Memory		Intel® AES New Instructions (Intel® AES-NI)	✓
Internal memory *	16 GB	Intel Trusted Execution Technology	✗
Internal memory type	DDR4-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory clock speed	2666 MHz	Intel® Secure Key	✓
Maximum internal memory *	32 GB	Intel TSX-NI	✗
Storage		Intel Stable Image Platform Program (SIPP)	✗
Total storage capacity *	1 TB	Intel® OS Guard	✓
Storage media *	SSD	Intel Software Guard Extensions (Intel SGX)	✓
Total SSDs capacity	1 TB	Intel 64	✓
Optical drive type *	✗	Execute Disable Bit	✓
Graphics		Idle States	✓
Discrete graphics card model *	NVIDIA® GeForce RTX™ 2070	Thermal Monitoring Technologies	✓
Discrete graphics card memory	8 GB	Processor package size	42 x 28 mm
Discrete graphics memory type	GDDR6	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
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 Virtualization Technology (VT-x)	✓
On-board graphics card base frequency	350 MHz	Processor ARK ID	191045
On-board graphics card dynamic frequency (max)	1150 MHz	Power	
Maximum on-board graphics card memory	64 GB	AC adapter power	230 W
On-board graphics card DirectX version	12.0	AC adapter frequency	50 - 60 Hz
On-board graphics card OpenGL version	4.5	AC adapter input voltage	100 - 240 V
On-board graphics card ID	0x3E9B	AC adapter output current	11,8 A
Number of discrete graphics cards installed	1	AC adapter output voltage	19.5 V
Audio		DC-in jack	✓
Number of built-in speakers	2	USB Power Delivery	✓
Speaker power	2,5 W	Security	
Built-in microphone	✓	Cable lock slot	✓
Network		Cable lock slot type	Kensington
Wi-Fi	✓	Weight & dimensions	
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Width	399 mm
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Depth	272 mm
Antenna type	2x2	Height	18,7 mm
Ethernet LAN	✗	Weight *	2,6 kg
Bluetooth	✓	Packaging content	
Bluetooth version	5.0	AC adapter included *	✓
		Logistics data	
		Harmonized System (HS) code	84713000

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