



ASUS ROG Strix G17 G712LWS-EV003T i7-10750H Notebook 43.9 cm (17.3") Full HD Intel® Core™ i7 16 GB DDR4-SDRAM 1000 GB SSD NVIDIA GeForce RTX 2070 SUPER Wi-Fi 6 (802.11ax) Windows 10 Home Black

Brand : ASUS

Product family: ROG

Product code: 90NR03C1-M00620

Product name : G712LWS-EV003T



- Windows 10 Home 64-bit
 - Intel Core i7-10750H (12MB Cache, 2.6GHz)
 - 43.9 cm (17.3") Full HD 1920 x 1080 IPS, NVIDIA GeForce RTX 2070 Super (8GB GDDR6)
 - 16GB (2933MHz) DDR4-SDRAM (2 x 8) & 1000GB SSD
 Intel Core i7-10750H (12MB Cache, 2.6GHz), 16GB DDR4-SDRAM, 1000GB SSD, 43.9 cm (17.3") Full HD 1920 x 1080 IPS, Intel UHD Graphics, NVIDIA GeForce RTX 2070 Super (8GB GDDR6), WLAN, Windows 10 Home 64-bit
 ASUS ROG Strix G17 G712LWS-EV003T. Product type: Notebook, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-10750H, 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: 1000 GB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics. Operating system installed: Windows 10 Home. Product colour: Black



Design		Network	
Colour name	Original Black	Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
Product type *	Notebook	Wi-Fi standards	Wi-Fi 6 (802.11ax)
Product colour *	Black	Mobile network connection *	✗
Form factor *	Clamshell	Antenna type	2x2
Market positioning	Gaming	Ethernet LAN	✗
Intel® vPro™ Platform Eligibility	✗	Bluetooth	✓
Display		Bluetooth version	5.1
Display diagonal *	43.9 cm (17.3")	Ports & interfaces	
Display resolution *	1920 x 1080 pixels	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Touchscreen *	✗	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
HD type	Full HD	HDMI ports quantity *	1
Panel type	IPS	HDMI version	2.0b
Native aspect ratio	16:9	Combo headphone/mic port	✓
Anti-glare screen	✓	USB Type-C DisplayPort Alternate Mode	✓
RGB colour space	sRGB	Keyboard	
Colour gamut	100%	Pointing device	Touchpad
Display response rise/fall	3 ms	Numeric keypad *	✓
Maximum refresh rate	144 Hz	Keyboard backlit	✓
Processor		Keyboard backlit colour	RGB
Processor manufacturer *	Intel	Software	
Processor generation	10th gen Intel® Core™ i7	Operating system architecture	64-bit
Processor model *	i7-10750H	Trial software	1-month trial for new Microsoft 365 customers
Processor family *	Intel® Core™ i7	Operating system installed *	Windows 10 Home
Processor frequency *	2.6 GHz		
Processor boost frequency	5 GHz		
Processor cores	6		
Processor cache	12 MB		
Configurable TDP-down	35 W		

Memory		Processor special features	
Internal memory *	16 GB	Enhanced Intel SpeedStep Technology	✓
Internal memory type	DDR4-SDRAM	Intel Flex Memory Access	✓
Memory clock speed	2933 MHz	Intel Trusted Execution Technology	✗
Memory form factor	SO-DIMM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory layout (slots x size)	2 x 8 GB	Intel Stable Image Platform Program (SIPP)	✗
Maximum internal memory *	32 GB	Intel Software Guard Extensions (Intel SGX)	✓
Storage		Intel 64	✓
Total storage capacity *	1000 GB	Execute Disable Bit	✓
Storage media *	SSD	Idle States	✓
Total SSDs capacity	1000 GB	CPU configuration (max)	1
Number of SSDs installed	1	Embedded options available	✗
SSD capacity	1000 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
SSD interface	NVMe, PCI Express 3.0	Intel Virtualization Technology (VT-x)	✓
NVMe	✓	Battery	
SSD form factor	M.2	Battery technology	Lithium-Ion (Li-Ion)
Optical drive type *	✗	Number of battery cells	4
Graphics		Battery capacity *	66 Wh
Discrete GPU manufacturer	NVIDIA	Power	
Discrete graphics card model *	NVIDIA GeForce RTX 2070 SUPER	AC adapter power	230 W
On-board graphics card *	✓	AC adapter frequency	50 - 60 Hz
Discrete graphics card *	✓	AC adapter input voltage	100 - 240 V
On-board graphics card model *	Intel® UHD Graphics	AC adapter output current	11.8 A
Discrete graphics card memory	8 GB	AC adapter output voltage	19.5 V
Discrete graphics memory type	GDDR6	Security	
NVIDIA G-SYNC	✓	Password protection	✓
Password protection type			BIOS, User
Audio		Technical details	
Number of built-in speakers	2	Repairability index	6.9
Speaker power	4.2 W		
Built-in microphone	✓		



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