



ASUS ROG Strix GL702VS-BA007T i7-7700HQ Notebook 43,9 cm (17.3") Full HD Intel® Core™ i7 16 GB DDR4-SDRAM 1256 GB HDD+SSD NVIDIA® GeForce® GTX 1070 Wi-Fi 5 (802.11ac) Windows 10 Home Black



Brand : ASUS

Product family: ROG

Product code: 90NB0DZ1-M00150

Product name : GL702VS-BA007T

Intel Core i7-7700HQ (2.8GHz, 6M Cache), 16GB RAM, 1000GB HDD + 256GB SSD, Intel HD Graphics 630 + NVIDIA GeForce GTX 1070, WLAN 802.11, Windows 10

ASUS ROG Strix GL702VS-BA007T. Product type: Notebook, Form factor: Clamshell. Processor type: Intel® Core™ i7, Processor: i7-7700HQ, Processor frequency: 2,8 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: 1256 GB, Storage media: HDD+SSD. On-board graphics card model: Intel® HD Graphics 630. Operating system software: Windows 10 Home. Product colour: Black



Design		Ports & interfaces	
Product type *	Notebook	Mini DisplayPorts quantity	1
Product colour *	Black	DVI port	✗
Form factor *	Clamshell	Thunderbolt ports quantity	1
Market positioning	Gaming	Combo headphone/mic port	✓
Display		Docking connector	✗
Display diagonal *	43,9 cm (17.3")	Charging port type	DC-in jack
Display resolution *	1920 x 1080 pixels	Keyboard	
Touchscreen *	✗	Pointing device	Touchpad
HD type	Full HD	Numeric keypad *	✓
LED backlight	✓	Windows keys	✓
Native aspect ratio	16:9	Software	
Display surface	Matt	Operating system software *	Windows 10 Home
Processor		Processor special features	
Processor manufacturer *	Intel	Intel Wireless Display (WiDi) Technology	✓
Processor generation	7th gen Intel® Core™ i7	Intel My WiFi Technology	✓
Processor *	i7-7700HQ	Intel® Smart Response Technology	✓
Processor type *	Intel® Core™ i7	Intel Identity Protection Technology	✓
Processor frequency *	2,8 GHz	Intel Hyper-Threading Technology	✓
Processor boost frequency	3,8 GHz	Intel Turbo Boost Technology	2.0
Processor threads	8	Enhanced Intel SpeedStep Technology	✓
System bus data transfer rate	8 GT/s	Intel Clear Video HD Technology	✓
Processor number of cores	4	Intel Clear Video Technology	✓
Processor cache	6 MB	Intel® InTru™ 3D Technology	✓
Processor cache type	Smart Cache	Intel® Quick Sync Video Technology	✓
Processor lithography	14 nm	Intel Flex Memory Access	✓
Processor operating modes	64-bit	Intel Smart Cache	✓
Processor series	Intel Core i7-7700 Mobile Series	Intel AES New Instructions	✓
Processor codename	Kaby Lake	Intel Trusted Execution Technology	✗
Bus type	DMI3	Intel Enhanced Halt State	✓
Chipset	Intel® HM175	Intel VT-x with Extended Page Tables (EPT)	✓
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® Secure Key	✓
PCI Express slots version	3.0	Intel TSX-NI	✗
PCI Express configurations	1x16, 1x8, 2x4, 2x8	Intel Stable Image Platform Program (SIPP)	✗
ECC supported by processor	✗	Intel® OS Guard	✓
Memory		Intel Software Guard Extensions (Intel SGX)	✓
Internal memory *	16 GB	Intel Clear Video Technology for MID	✓
Internal memory type	DDR4-SDRAM	Intel 64	✓
Memory speed	2400 MHz	Execute Disable Bit	✓
Memory slots	2x SO-DIMM	Idle States	✓
Maximum memory *	32 GB	Thermal Monitoring Technologies	✓
Storage		Processor package size	42 x 28 mm
Total storage capacity *	1256 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage media *	HDD+SSD	CPU configuration (max)	1
Number of HDDs installed	1	Embedded options available	✗
Hard drive capacity	1000 GB	Graphics & IMC lithography	14 nm
Hard drive interface	SATA	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of SSDs installed	1	Intel Identity Protection Technology version	1,00
Solid-state drive capacity	256 GB	Intel Smart Response Technology version	1,00
Solid-state drive interfaces	SATA III	Intel Stable Image Platform Program (SIPP) version	0,00
SSD form factor	M.2	Intel Secure Key Technology version	1,00
Optical drives *	✗	Intel Small Business Advantage (SBA) version	1,00
Card reader integrated	✓	Intel TSX-NI version	0,00
Compatible memory cards	MMC, SD	Intel Virtualization Technology (VT-x)	✓
Graphics		Processor ARK ID	97185
Discrete graphics card model *	NVIDIA® GeForce® GTX 1070	Conflict-Free processor	✓
On-board graphics card *	✓	Battery	
Discrete graphics card *	✓	Battery technology	Lithium Polymer (LiPo)
On-board graphics card model *	Intel® HD Graphics 630	Number of battery cells	4
On-board graphics card base frequency	350 MHz	Battery capacity *	76 Wh
On-board graphics card dynamic frequency (max)	1100 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	4.4	AC adapter input voltage	100 - 240 V
On-board graphics card ID	0x591B	AC adapter output current	11,8 A
Discrete graphics card memory	8 GB	AC adapter output voltage	19.5 V
Audio		Weight & dimensions	
Built-in microphone	✓	Width	420 mm
Camera		Depth	275 mm
Front camera	✓	Height (front)	2,2 cm
Network		Height (rear)	2,47 cm
Wi-Fi	✓	Weight *	2,73 kg
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Technical details	
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Repairability index	5.2
Ethernet LAN connection	✓	Other features	
Ethernet LAN data rates	10,100,1000 Mbit/s	AC adapter included	✓
Bluetooth	✓		
Bluetooth version	4.1		
Ports & interfaces			
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3		
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1		
Ethernet LAN (RJ-45) ports	1		

Ports & interfaces

HDMI ports quantity * 1



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