

**ASUS ROG Strix GL702VM-BA195T Intel® Core™ i7 i7-7700HQ
Laptop 43,9 cm (17.3") Full HD 16 GB DDR4-SDRAM 1,26 TB
HDD+SSD NVIDIA® GeForce® GTX 1060 Wi-Fi 5 (802.11ac)
Windows 10 Home Black**



Brand : ASUS

Product family: ROG

Product code: 90NB0DQ1-M04940

Product name : GL702VM-BA195T

Intel Core i7-7700HQ (2.8GHz, 6M Cache), 16GB RAM, 1000GB HDD + 256GB SSD, Intel HD Graphics 630 + NVIDIA GeForce GTX 1060, WLAN 802.11, Windows 10

ASUS ROG Strix GL702VM-BA195T. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: 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: 1,26 TB, Storage media: HDD+SSD. On-board graphics card model: Intel® HD Graphics 630. Operating system installed: Windows 10 Home. Product colour: Black

Design		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product colour *	Black	Numeric keypad *	✓
Form factor *	Clamshell	Full-size keyboard	✓
Market positioning	Gaming	Windows keys	✓
Display		Software	
Display diagonal *	43,9 cm (17.3")	Operating system installed *	Windows 10 Home
Display resolution *	1920 x 1080 pixels	Processor special features	
Touchscreen *	✗	Intel® Wireless Display (Intel® WiDi)	✓
HD type	Full HD	Intel® My WiFi Technology (Intel® MWT)	✓
LED backlight	✓	Intel® Smart Response Technology	✓
Native aspect ratio	16:9	Intel® Identity Protection Technology (Intel® IPT)	✓
Display surface	Matt	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor		Intel® Turbo Boost Technology	2.0
Processor manufacturer *	Intel	Enhanced Intel SpeedStep Technology	✓
Processor family *	Intel® Core™ i7	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor generation	7th gen Intel® Core™ i7	Intel Clear Video Technology	✓
Processor model *	i7-7700HQ	Intel® InTru™ 3D Technology	✓
Processor cores	4	Intel® Quick Sync Video Technology	✓
Processor threads	8	Intel Flex Memory Access	✓
Processor boost frequency	3,8 GHz	Intel® Smart Cache	✓
Processor frequency *	2,8 GHz	Intel® AES New Instructions (Intel® AES-NI)	✓
System bus rate	8 GT/s	Intel Trusted Execution Technology	✗
Processor cache	6 MB	Intel Enhanced Halt State	✓
Processor cache type	Smart Cache	Intel VT-x with Extended Page Tables (EPT)	✓
Processor lithography	14 nm	Intel® Secure Key	✓
Processor operating modes	64-bit		
Processor series	Intel Core i7-7700 Mobile Series		
Processor codename	Kaby Lake		
Bus type	DMI3		
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 TSX-NI	✗
PCI Express slots version	3.0	Intel Stable Image Platform Program (SIPP)	✗
PCI Express configurations	1x16, 1x8, 2x4, 2x8	Intel® OS Guard	✓
ECC supported by processor	✗	Intel Software Guard Extensions (Intel SGX)	✓
Memory		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Internal memory *	16 GB	Intel 64	✓
Internal memory type	DDR4-SDRAM	Execute Disable Bit	✓
Memory clock speed	2133 MHz	Idle States	✓
Memory form factor	SO-DIMM	Thermal Monitoring Technologies	✓
Maximum internal memory *	32 GB	Processor package size	42 x 28 mm
Storage		Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Total storage capacity *	1,26 TB	CPU configuration (max)	1
Storage media *	HDD+SSD	Embedded options available	✗
Number of hard drives installed	1	Graphics & IMC lithography	14 nm
Hard drive capacity	1 TB	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
Optical drive type *	✗	Intel Stable Image Platform Program (SIPP) version	0,00
Card reader integrated	✓	Intel Secure Key Technology version	1,00
Graphics		Intel Small Business Advantage (SBA) version	1,00
Discrete graphics card model *	NVIDIA® GeForce® GTX 1060	Intel TSX-NI version	0,00
On-board graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
Discrete graphics card *	✓	Processor ARK ID	97185
On-board graphics card model *	Intel® HD Graphics 630	Conflict-Free processor	✓
On-board graphics card base frequency	350 MHz	Battery	
On-board graphics card dynamic frequency (max)	1100 MHz	Battery technology	Lithium Polymer (LiPo)
Maximum on-board graphics card memory	64 GB	Number of battery cells	4
On-board graphics card DirectX version	12.0	Battery capacity *	76 Wh
On-board graphics card OpenGL version	4.4	Power	
On-board graphics card ID	0x591B	AC adapter power	180 W
Audio		AC adapter frequency	50 - 60 Hz
Built-in microphone	✓	AC adapter output current	9,23 A
Camera		AC adapter output voltage	19.5 V
Front camera	✓	DC-in jack	✓
Network		Sustainability	
Wi-Fi	✓	Sustainability certificates	ENERGY STAR
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Weight & dimensions	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Width	415 mm
Ethernet LAN	✓	Depth	280 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height (front)	2,2 cm
Bluetooth	✓	Height (rear)	2,4 cm
Bluetooth version	4.1	Weight *	2,7 kg
Ports & interfaces		Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	AC adapter included *	✓
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Manual	✓
Ethernet LAN (RJ-45) ports	1	Power cord included	✓
HDMI ports quantity *	1	Other features	
Mini DisplayPorts quantity	1	Maximum internal memory (64-bit)	32 GB
DVI port	✗		

Ports & interfaces	
Thunderbolt ports quantity	1
Combo headphone/mic port	✓
Docking connector	✗
Performance	
Motherboard chipset	Intel® HM170
Repairability index	5.2

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