

ASUS ROG G752VS-GB367T laptop Intel® Core™ i7 i7-7820HK 43,9 cm (17.3") 4K Ultra HD 32 GB DDR4-SDRAM 1,51 TB HDD+SSD NVIDIA® GeForce® GTX 1070 Wi-Fi 5 (802.11ac) Windows 10 Home Black, Grey, Orange



Brand : ASUS

Product family: ROG

Product code: G752VS-GB367T

Product name : G752VS-GB367T

Intel Core i7-7820HK (8M Cache, 2.9GHz), 32GB DDR4, 1000GB HDD, 512GB SSD, Intel HD Graphics 630 + NVIDIA GeForce GTX 1070, Gigabit Ethernet, Windows 10 Home
ASUS ROG G752VS-GB367T. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-7820HK, Processor frequency: 2,9 GHz. Display diagonal: 43,9 cm (17.3"), HD type: 4K Ultra HD, Display resolution: 3840 x 2160 pixels. Internal memory: 32 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1,51 TB, Storage media: HDD+SSD, Optical drive type: Blu-Ray DVD Combo. Operating system installed: Windows 10 Home. Product colour: Black, Grey, Orange

Design		Performance	
Product type *	Laptop	Motherboard chipset	Intel CM236
Product colour *	Black, Grey, Orange	Repairability index	5.2
Form factor *	Clamshell	Keyboard	
Market positioning	Gaming	Pointing device	Touchpad
Display		Numeric keypad *	✓
Display diagonal *	43.9 cm (17.3")	Keyboard backlight	✓
Display resolution *	3840 x 2160 pixels	Full-size keyboard	✓
Touchscreen *	✗	Windows keys	✓
HD type	4K Ultra HD	Software	
LED backlight	✓	Operating system architecture	64-bit
Native aspect ratio	16:9	Operating system installed *	Windows 10 Home
Display surface	Matt	Processor special features	
Processor		Intel® Wireless Display (Intel® WiDi)	✓
Processor manufacturer *	Intel	Intel® My WiFi Technology (Intel® MWT)	✓
Processor family *	Intel® Core™ i7	Intel® Smart Response Technology	✓
Processor generation	7th gen Intel® Core™ i7	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor model *	i7-7820HK	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cores	4	Intel® Turbo Boost Technology	2.0
Processor threads	8	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	3.9 GHz	Intel HD Graphics	✓
Processor frequency *	2.9 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
System bus rate	8 GT/s	Intel Clear Video Technology	✓
Processor cache	8 MB	Intel® InTru™ 3D Technology	✓
Processor cache type	Smart Cache	Intel® Quick Sync Video Technology	✓
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-7800 Mobile Series		
Processor codename	Kaby Lake		
Bus type	DMI3		
Thermal Design Power (TDP)	45 W		

Processor		Processor special features	
Configurable TDP-down	35 W	Intel Flex Memory Access	✓
Tjunction	100 °C	Intel® Smart Cache	✓
Maximum number of PCI Express lanes	16	Intel® AES New Instructions (Intel® AES-NI)	✓
PCI Express slots version	3.0	Intel Trusted Execution Technology	✗
PCI Express configurations	1x16, 1x8, 2x4, 2x8	Intel Enhanced Halt State	✓
ECC supported by processor	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel® Secure Key	✓
Internal memory *	32 GB	Intel TSX-NI	✓
Internal memory type	DDR4-SDRAM	Intel Stable Image Platform Program (SIPP)	✗
Memory clock speed	2400 MHz	Intel® OS Guard	✓
Maximum internal memory *	64 GB	Intel Software Guard Extensions (Intel SGX)	✓
Storage		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Total storage capacity *	1.51 TB	Intel 64	✓
Storage media *	HDD+SSD	Execute Disable Bit	✓
Number of HDDs installed	1	Idle States	✓
HDD capacity	1 TB	Thermal Monitoring Technologies	✓
Optical drive type *	Blu-Ray DVD Combo	Processor package size	42 x 28 mm
Card reader integrated	✓	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Compatible memory cards	SD, MMC	CPU configuration (max)	1
Graphics		Embedded options available	✗
Discrete graphics card model *	NVIDIA® GeForce® GTX 1070	Graphics & IMC lithography	14 nm
Discrete graphics card memory	8 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics memory type	GDDR5	Intel Identity Protection Technology version	1.00
On-board graphics card *	✓	Intel Smart Response Technology version	1.00
Discrete graphics card *	✓	Intel Stable Image Platform Program (SIPP) version	0.00
On-board graphics card family	Intel® HD Graphics	Intel Secure Key Technology version	1.00
On-board graphics card model *	Intel® HD Graphics 630	Intel Small Business Advantage (SBA) version	1.00
On-board graphics card base frequency	350 MHz	Intel TSX-NI version	1.00
On-board graphics card dynamic frequency (max)	1100 MHz	Intel Virtualization Technology (VT-x)	✓
Maximum on-board graphics card memory	64 GB	Processor ARK ID	97464
On-board graphics card DirectX version	12.0	Conflict-Free processor	✓
On-board graphics card OpenGL version	4.4	Battery	
On-board graphics card ID	0x591B	Number of battery cells	8
Audio		Battery capacity *	90 Wh
Number of built-in speakers	2	Power	
Speaker power	2 W	AC adapter power	230 W
Built-in microphone	✓	AC adapter frequency	50 - 60 Hz
Camera		AC adapter input voltage	100 - 240 V
Front camera	✓	AC adapter output current	11.8 A
Network		AC adapter output voltage	19.5 V
Wi-Fi	✓	DC-in jack	✓
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Security	
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Cable lock slot	✓
Ethernet LAN	✓	Cable lock slot type	Kensington
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight & dimensions	
Bluetooth	✓	Width	428 mm
Bluetooth version	4.1	Depth	334 mm
Ports & interfaces			
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	4		

Ports & interfaces		Weight & dimensions	
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1	Height	53 mm
Ethernet LAN (RJ-45) ports	1	Weight *	4.4 kg
HDMI ports quantity *	1	Packaging content	
Mini DisplayPorts quantity	1	AC adapter included *	✓
DVI port	✗	Manual	✓
Headphone outputs	1	Power cord included	✓
S/PDIF out port	✓		
Microphone in	✓		
Docking connector	✗		



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