



MSI Gaming GV62 8RC-035 laptop Intel® Core™ i7 i7-8750H 39,6 cm (15.6") Full HD 16 GB DDR4-SDRAM 1,13 TB HDD+SSD NVIDIA® GeForce® GTX 1050 Windows 10 Home Black

Brand : MSI

Product family: Gaming

Article code: GV62 8RC-035

Product name : GV62 8RC-035



MSI Gaming GV62 8RC-035. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-8750H, Processor frequency: 2,2 GHz. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 16 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1,13 TB, Storage media: HDD+SSD. On-board graphics card model: Intel® UHD Graphics 630. Operating system installed: Windows 10 Home. 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	Ethernet LAN (RJ-45) ports	1
Market positioning	Gaming	HDMI ports quantity *	1
Display		Mini DisplayPorts quantity	1
Display diagonal *	39,6 cm (15.6")	Headphone outputs	1
Display resolution *	1920 x 1080 pixels	Microphone in	✓
Touchscreen *	✗	Performance	
HD type	Full HD	Motherboard chipset	Intel® HM370
LED backlight	✓	Keyboard	
Native aspect ratio	16:9	Pointing device	Touchpad
Dual-screen	✗	Numeric keypad *	✓
Processor		Keyboard backlit	✓
Processor manufacturer *	Intel	Windows keys	✓
Processor family *	Intel® Core™ i7	Software	
Processor generation	8th gen Intel® Core™ i7	Operating system architecture	64-bit
Processor model *	i7-8750H	Operating system installed *	Windows 10 Home
Processor cores	6	Processor special features	
Processor threads	12	Intel® My WiFi Technology (Intel® MWT)	✓
Processor boost frequency	4,1 GHz	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor frequency *	2,2 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
System bus rate	8 GT/s	Intel® Turbo Boost Technology	2.0
Processor cache	9 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	Smart Cache	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor socket	BGA 1440	Intel Clear Video Technology	✓
Processor lithography	14 nm		
Processor operating modes	64-bit		
Processor codename	Coffee Lake		
Bus type	DMI		
Stepping	U0		
Thermal Design Power (TDP)	45 W		
Configurable TDP-down	35 W		

Processor		Processor special features	
Configurable TDP-down frequency	1,7 GHz	Intel® InTru™ 3D Technology	✓
Tjunction	100 °C	Intel® Quick Sync Video Technology	✓
Maximum number of PCI Express lanes	16	Intel Flex Memory Access	✓
PCI Express slots version	3.0	Intel® AES New Instructions (Intel® AES-NI)	✓
PCI Express configurations	1x16, 1x8+2x4, 2x8	Intel Trusted Execution Technology	✗
ECC supported by processor	✗	Intel Enhanced Halt State	✓
Memory		Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory *	16 GB	Intel® Secure Key	✓
Internal memory type	DDR4-SDRAM	Intel TSX-NI	✗
Memory form factor	SO-DIMM	Intel Stable Image Platform Program (SIPP)	✗
Memory slots	2x SO-DIMM	Intel® OS Guard	✓
Maximum internal memory *	32 GB	Intel Software Guard Extensions (Intel SGX)	✓
Storage		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Total storage capacity *	1,13 TB	Intel 64	✓
Storage media *	HDD+SSD	Execute Disable Bit	✓
Number of HDDs installed	1	Idle States	✓
HDD capacity	1 TB	Thermal Monitoring Technologies	✓
SSD capacity	128 GB	Processor package size	42 x 28 mm
Optical drive type *	✗	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Card reader integrated	✓	Processor code	SR3YY
Compatible memory cards	SD, SDHC, SDXC	CPU configuration (max)	1
Graphics		Embedded options available	✗
Discrete graphics card model *	NVIDIA® GeForce® GTX 1050	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card memory	2 GB	Intel Identity Protection Technology version	1,00
Discrete graphics memory type	GDDR5	Intel Stable Image Platform Program (SIPP) version	0,00
On-board graphics card *	✓	Intel Secure Key Technology version	1,00
Discrete graphics card *	✓	Intel TSX-NI version	0,00
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	134906
On-board graphics card dynamic frequency (max)	1100 MHz	Battery	
Maximum on-board graphics card memory	64 GB	Number of battery cells	6
On-board graphics card DirectX version	12.0	Battery capacity *	41 Wh
On-board graphics card OpenGL version	4.5	Power	
On-board graphics card ID	0x3E9B	AC adapter power	135 W
Number of discrete graphics cards installed	1	DC-in jack	✓
CUDA	✓	Security	
Audio		Cable lock slot	✓
Number of built-in speakers	4	Cable lock slot type	Kensington
Speaker power	2 W	Weight & dimensions	
Built-in microphone	✓	Width	383 mm
Camera		Depth	260 mm
Front camera	✓	Height (front)	2,2 cm
Front camera signal format	720p	Height (rear)	2,9 cm
Front camera HD type	HD	Weight *	2,2 kg
Video capturing speed	30 fps	Packaging content	
Network		AC adapter included *	✓
Wi-Fi	✓	Other features	
Wi-Fi standards	Wi-Fi 5 (802.11ac)	3D	✗
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		
Bluetooth	✓		

Network		Other features	
Bluetooth version	5.0	On/off button	✓
Ports & interfaces			
USB 2.0 ports quantity *	1		

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