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 * Product color *	Laptop Black	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Form factor * Market positioning	Clamshell Gaming	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
	Garining	Ethernet LAN (RJ-45) ports	1
Display		HDMI ports quantity *	1
Display diagonal *	39,6 cm (15.6")	Mini DisplayPorts quantity	1
Display resolution *	1920 x 1080 pixels	Headphone outputs	1
Touchscreen *	×	Microphone in	✓
HD type	Full HD	Performance	
LED backlight	✓	Motherboard chipset	Intel® HM370
Native aspect ratio	16:9	Keyboard	
Dual-screen	×	Pointing device	Touchpad
Processor		Numeric keypad *	√
Processor manufacturer *	Intel	Keyboard backlit	
Processor family *	Intel® Core™ i7	•	•
Processor generation	8th gen Intel® Core™ i7	Windows keys	✓
Processor model *	i7-8750H	Software	
Processor cores	6	Operating system architecture	64-bit
Processor threads	12	Operating system installed *	Windows 10 Home
Processor boost frequency	4,1 GHz	Processor special features	
Processor frequency *	2,2 GHz	Intel® My WiFi Technology (Intel®	
System bus rate	8 GT/s	MWT)	✓
Processor cache	9 MB	Intel® Identity Protection	/
Processor cache type	Smart Cache	Technology (Intel® IPT)	•
Processor socket	BGA 1440	Intel® Hyper Threading Technology	✓
Processor lithography	14 nm	(Intel® HT Technology)	2.0
Processor operating modes	64-bit	Intel® Turbo Boost Technology	2.0
Processor codename	Coffee Lake	Enhanced Intel SpeedStep Technology	✓
Bus type	DMI	Intel® Clear Video HD Technology	,
Stepping Thermal Design Dewer (TDD)	U0	(Intel® CVT HD)	V
Thermal Design Power (TDP)	45 W	Intel Clear Video Technology	✓
Configurable TDP-down	35 W		

Processor Proces	
Tjunction Maximum number of PCI Express lanes 16 Intel® Quick Sync Video Technology	
Maximum number of PCI Express lanes	
lanes 10	
RESH See Study Version 14.6 1.88 + 2.44 2.28 Intel Enhanced Hall State Forested Processor Forested Processor Intel Enhanced Hall State Forested Processor Forested Processor Intel Enhanced Hall State Forested Processor Forested Proces	
FCI Express configurations ECC supported by processor Memory	
Memory Intel Pinhanced Halt State #** Internal memory* 16 GB Tables (EPT) #** Internal memory type DDR4-SDRAM Intel VTx. with Extended Page #** Internal memory type DDR4-SDRAM Intel® Secure Key #** Memory slots 2x SO-DIMM Intel® Stable Image Platform Program (SIPP) X** Memory slots 2x SO-DIMM Intel® OS Guard ** Maximum internal memory* 3z GB Intel® OS Guard ** Storage Intel® OS Guard ** Total storage capacity* 1,13 TB Intel® OS Guard ** Number of HDDs installed 1 Intel® OS Guard ** HDD capacity 1 TB Intel® OS Guard ** SD Carage media* 1 TB Intel® OS Guard ** HDD capacity 1 TB Intel® OS Guard ** HDD capacity 1 TB Intel® OS Guard ** SD Capacity 1 TB Intel® OS Guard ** Unburd of HDS installed 1 ** <	
Internal memory * 16 GB Tables (EPT) Internal memory type DDRA-SDRAM Intel® Secure Key	
Internal memory type Internal memory type Internal memory type Memory form factor Memory form factor Maximum internal memory ** Storage Storage Storage Intel Software Guard Extensions (Intel SCX) Intel Software Guard Extensions (Intel Stable Intel Stable Intel Stable Image Platform Program (SiPP) version (Intel Stable Image Platform	
Memory form factor SO-DIMM Intel STX-NI X Memory slots 2x SO-DIMM Intel Stable Image Platform Program (SIPP) X Storage Intel® OS Guard ✓ Storage media* HDD+SSD Intel® Clear Video Technology for (Intel SGX) Number of HDDs installed 1 Mobile Internet Devices (Intel CVT (Intel SGX) ✓ HDD capacity 1 TB Mobile Internet Devices (Intel CVT (Intel SGX) ✓ SSD capacity 1 TB Mobile Internet Devices (Intel CVT (Intel SGX) ✓ Optical drive type* X Execute Disable Bit ✓ Card reader integrated Y Execute Disable Bit ✓ Card reader integrated Y Execute Disable Bit ✓ Compatible memory cards SD, SDHC, SDXC Thermal Monitoring Technologies ✓ Discrete graphics card media* NVIDIA® GeForce® GTX 1050 Supported instruction sets AVX 2.0, SSE4.1, SSE4.2 Discrete graphics ard memory 2 GB CPU configuration (max) 1 On-board graphics card we graph (sc ard we graph (sc ard base) Intel® UHD Graphics 630 Intel Ident	
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Maximum internal memory* 32 GB (SIPP) X Storage Intel® OS Guard V Total storage capacity* 1,13 TB Intel Software Guard Extensions (Intel SofX) V Storage media * HDD+SSD Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT For MID) V HDD capacity 1 TB Mobile Internet Devices (Intel CVT For MID) V SSD capacity 1 TB V V Optical drive type * X Execute Disable Bit V Card reader Integrated V Idle States V Compatible memory cards SD, SDHC, SDXC Thermal Monitoring Technologies V Discrete graphics card model * NVIDIA® GeForce® GTX 1050 Supported instruction sets AVX 2.0, SSE4.1, SSE4.2 Discrete graphics card momory 2 GB Processor package size 42 x 28 mm On-board graphics card memory 2 GB Processor code SR3YY Discrete graphics memory type GDDR5 CPU configuration (max) 1 On-board graphics card * V Intel Virtualization Technology for Directed I/O (VT-d) V On-board graphics card base frequency Intel Jeanting Protection Technology 1,00 On-board graphics card dynamic frequency (max) 1100 MHz Intel Stable Ima	
Storage Intel® OS Guard ✓ Total storage capacity* 1,13 TB Intel® OS Guard Extensions (Intel® CSC) ✓ Storage media* HDD+SSD Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID) ✓ Number of HDDs installed 1 Mobile Internet Devices (Intel CVT for MID) ✓ SSD capacity 128 GB Intel 64 ✓ Optical drive type* X Execute Disable Bit ✓ Card reader integrated ✓ Idle States ✓ Compatible memory cards SD, SDHC, SDXC Thermal Monitoring Technologies ✓ Graphics Discrete graphics card model* NVIDIA® GeForce® GTX 1050 Supported instruction sets AVX 2.0, SSE4.1, SSE4.2 Processor package size 42 x 28 mm Supported instruction sets AVX 2.0, SSE4.1, SSE4.2 Discrete graphics card model * NVIDIA® GeForce® GTX 1050 Supported instruction sets AVX 2.0, SSE4.1, SSE4.2 Discrete graphics card memory type GDDR5 Embedded options available X Embedded options available X Intel Virtualization Technology for Directed (I/O (VT-d) ✓ On-board graphics card base frequency Intel Stable Image Platform Program (SIPP) version 0,00 Maximum on-board	
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Number of HDDs installed 1	
HDD capacity 17B for MID) SSD capacity 128 GB Intel 64	
SSD capacity Optical drive type *	
Optical drive type *XExecute Disable Bit✓Card reader integrated✓Idle States✓Compatible memory cardsSD, SDHC, SDXCThermal Monitoring Technologies✓GraphicsDiscrete graphics card model *NVIDIA® GeForce® GTX 1050Supported instruction setsAVX 2.0, SSE4.1, SSE4.2Discrete graphics card memory2 GBCPU configuration (max)1Discrete graphics memory typeGDDR5Embedded options availableXOn-board graphics card *✓Intel Virtualization Technology for Directed I/O (VT-d)✓On-board graphics card model *Intel® UHD Graphics 630Intel Hentity Protection Technology version1,00On-board graphics card base frequency1100 MHzIntel Stable Image Platform Program (nutel Stable Image Pla	
Compatible memory cards SD, SDHC, SDXC Thermal Monitoring Technologies Processor package size A2 x 28 mm Supported instruction sets AVX 2.0, SSE4.1, SSE4.2 Supported instruction sets AVX 2.0, SSE4.1, SSE4.2 Processor code SR3YY Discrete graphics card memory Discrete graphics card memory Discrete graphics card * On-board graphics card * On-board graphics card * On-board graphics card memory Discrete graphics card * Intel Virtualization Technology for Directed I/O (VT-d) On-board graphics card base frequency On-board graphics card dynamic frequency (max) Maximum on-board graphics card memory On-board graphics card DirectX On-board graphics card DirectX On-board graphics card OpenGL version On-board graphics card ID Number of battery cells Thermal Monitoring Technologies 42 x 28 mm AVX 2.0, SSE4.1, SSE4.2 SRBYY CPU configuration (max) 1 Intel Stable Image Platform Program Intel Stable Image Platform Program Intel Stable Image Platform Program Intel Secure Key Technology version Intel Secure Key Technology version Intel Virtualization Technology (VT- x) Processor ARK ID Intel Virtualization Technology (VT- x) Augustian Technology (VT- x) Augustian Technology (VT- x) Augustian Technology (VT- x) Processor ARK ID Intel Virtualization Technology (VT- x) Augustian Technology (VT- x)	
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On-board graphics card ID Ox3E9B Number of battery cells 6	
The state of	
Number et discrete graphics cards	
Number of discrete graphics cards installed Battery capacity * 41 Wh	
CUDA Power	
Audio AC adapter power 135 W	
DC-in jack ✓ Number of built-in speakers 4	
Speaker power 2 W Security	
Built-in microphone ✓ Cable lock slot ✓	
Camera Cable lock slot type Kensington	
Front camera Weight & dimensions	
Front camera signal format 720p Width 383 mm	
Front camera HD type HD Depth 260 mm	
Video capturing speed 30 fps Height (front) 2,2 cm	
Network Height (rear) 2,9 cm Weight * 2,2 kg	
Wi-Fi ✓	
Wi-Fi standards Wi-Fi 5 (802.11ac) Packaging content	
Ethernet LAN AC adapter included *	
Ethernet LAN data rates 10,100,1000 Mbit/s Other features	
Bluetooth ✓ 3D ×	

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

Catalog Object Cloud



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