



MSI Gaming GE62 7RE(Camo Squad Limited Edition)-809UK Intel® Core™ i5 i5-7300HQ Laptop 39,6 cm (15.6") Full HD 8 GB DDR4-SDRAM 1,13 TB HDD+SSD NVIDIA® GeForce® GTX 1050 Ti Wi-Fi 5 (802.11ac) Windows 10 Home Camouflage



Brand : MSI

Product family: Gaming

Product code: 9S7-16J9A2-809

Product name : GE62
7RE(Camo Squad Limited
Edition)-809UK

Intel Core i5-7300HQ (6M Cache, 2.50 GHz), 15.6" Full HD (1920x1080) LED, 8GB DDR4, 128GB SSD + 1TB SATA HDD, DVD Super Multi, Intel HD Graphics 630 + NVIDIA GeForce GTX 1050Ti 4GB GDDR5, Gigabit Ethernet, WLAN 802.11ac, Bluetooth, HD Webcam, Windows 10 Home 64-bit
MSI Gaming GE62 7RE(Camo Squad Limited Edition)-809UK. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-7300HQ, Processor frequency: 2,5 GHz. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 1,13 TB, Storage media: HDD+SSD, Optical drive type: DVD Super Multi. Operating system installed: Windows 10 Home. Product colour: Camouflage



Design		Ports & interfaces	
Product type *	Laptop	Ethernet LAN (RJ-45) ports	1
Product colour *	Camouflage	HDMI ports quantity *	1
Form factor *	Clamshell	Mini DisplayPorts quantity	1
Market positioning	Gaming	DVI port	✗
Display		Headphone outputs	1
Display diagonal *	39,6 cm (15.6")	Microphone in	✓
Display resolution *	1920 x 1080 pixels	Docking connector	✗
Touchscreen *	✗	Performance	
HD type	Full HD	Virtual Reality (VR) ready	✓
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™ i5	Software	
Processor generation	7th gen Intel® Core™ i5	Operating system architecture	64-bit
Processor model *	i5-7300HQ	Operating system installed *	Windows 10 Home
Processor cores	4	Processor special features	
Processor threads	4	Intel® Wireless Display (Intel® WiDi)	✓
Processor boost frequency	3,5 GHz	Intel® My WiFi Technology (Intel® MWT)	✓
Processor frequency *	2,5 GHz	Intel® Smart Response Technology	✓
System bus rate	8 GT/s	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cache	6 MB	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor lithography	14 nm	Intel® Turbo Boost Technology	2.0
Processor operating modes	64-bit	Enhanced Intel SpeedStep Technology	✓
Processor series	Intel Core i5-700 Desktop Series	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor codename	Kaby Lake	Intel Clear Video Technology	✓
Bus type	DMI3	Intel® InTru™ 3D Technology	✓
Thermal Design Power (TDP)	45 W		
Configurable TDP-down	35 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	3.0		
PCI Express configurations	1x16, 1x8+2x4, 2x8		

Processor		Processor special features	
ECC supported by processor	✗	Intel® Quick Sync Video Technology	✓
Memory		Intel Flex Memory Access	✓
Internal memory *	8 GB	Intel® AES New Instructions (Intel® AES-NI)	✓
Internal memory type	DDR4-SDRAM	Intel Trusted Execution Technology	✗
Memory clock speed	2400 MHz	Intel Enhanced Halt State	✓
Memory form factor	SO-DIMM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory slots	2x SO-DIMM	Intel® Secure Key	✓
Maximum internal memory *	32 GB	Intel TSX-NI	✗
Storage		Intel Stable Image Platform Program (SIPP)	✗
Total storage capacity *	1,13 TB	Intel® OS Guard	✓
Storage media *	HDD+SSD	Intel Software Guard Extensions (Intel SGX)	✓
Number of HDDs installed	1	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
HDD capacity	1 TB	Intel 64	✓
SSD capacity	128 GB	Execute Disable Bit	✓
Optical drive type *	DVD Super Multi	Idle States	✓
Card reader integrated	✓	Thermal Monitoring Technologies	✓
Compatible memory cards	SD, SDHC, SDXC	Processor package size	42 x 28 mm
Graphics		Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Discrete graphics card model *	NVIDIA® GeForce® GTX 1050 Ti	CPU configuration (max)	1
Discrete graphics card memory	4 GB	Embedded options available	✗
Discrete graphics memory type	GDDR5	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card *	✓	Intel Identity Protection Technology version	1,00
Discrete graphics card *	✓	Intel Smart Response Technology version	1,00
On-board graphics card model *	Intel® HD Graphics 630	Intel Stable Image Platform Program (SIPP) version	0,00
On-board graphics card base frequency	350 MHz	Intel Secure Key Technology version	1,00
On-board graphics card dynamic frequency (max)	1000 MHz	Intel Small Business Advantage (SBA) version	1,00
Maximum on-board graphics card memory	64 GB	Intel TSX-NI version	0,00
On-board graphics card DirectX version	12.0	Intel Virtualization Technology (VT-x)	✓
On-board graphics card OpenGL version	4.4	Processor ARK ID	97456
On-board graphics card ID	0x591B	Conflict-Free processor	✓
Number of discrete graphics cards installed	1	Battery	
NVIDIA G-SYNC	✓	Battery technology	Lithium-Ion (Li-Ion)
NVIDIA GameWorks VR	✓	Number of battery cells	6
CUDA	✓	Battery capacity *	51 Wh
NVIDIA 3D Vision	✓	Power	
Audio		AC adapter power	180 W
Number of built-in speakers	4	AC adapter frequency	50 - 60 Hz
Speaker power	8 W	DC-in jack	✓
Built-in subwoofer	✓	Weight & dimensions	
Built-in microphone	✓	Width	383 mm
Camera		Depth	260 mm
Front camera	✓	Height (front)	2,7 cm
Front camera resolution	1280 x 720 pixels	Height (rear)	2,9 cm
Video capturing speed	30 fps	Weight *	2,4 kg
Network		Packaging content	
Wi-Fi	✓	AC adapter included *	✓
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Manual	✓
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)		
Ethernet LAN	✓		
Ethernet LAN data rates	10,100,1000 Mbit/s		

Network		Other features	
Bluetooth	✓	LightScribe	✗
Bluetooth version	4.2	3D	✗
Ports & interfaces			
USB 2.0 ports quantity *	1		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		
USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1		

Catalog Object Cloud



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