

# MSI Gaming GT72S 6QE(Dominator Pro G)-059BE (GT72S 6QE-059BE)

Intel Core i7-6700HQ (6M Cache, 2.60 GHz), 43.942 cm (17.3 ") Full HD (1920x1080) LED, 16GB DDR4, 128GB SSD + 1TB SATA HDD, DVD Super Multi, Intel HD Graphics 530 + NVIDIA GeForce GTX 980M 8GB GDDR5, Gigabit Ethernet, WLAN 802.11 ac, Bluetooth, FHD Webcam, Windows 10 Home 64-bit



## Price details:

Price excl. VAT: 1,491.82 €

Eco fees: 0.19 €

VAT 21 %: 313.32 €

## Product details:

Product code: GT72S 6QE-059BE

EAN: 4719072420055

Manufacturer: MSI

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**1,805.33 €**

Product is discontinued. You can not order it anymore.

\* VAT included

## Latest 6th Generation Intel® Core i7 Processors

Skylake is codename of the brand new 14nm micro-architecture of Intel's latest 6th generation processors. The Skylake platform requires lower power consumption but delivers better performance than before. CPU performance of Core i7 6700HQ is 20% faster than i7 4720HQ under average usage. For optional models of GT series, will have special version of Core i7 6820HK with overclock capability from 3.7GHz to over 4GHz, the overclock frequency may differ depends on the CPU capability.

## Upgradeable MXM Design

Thanks to its replaceable MXM graphics module, the GT72 comes with more possibilities for future upgrades than other notebooks. The original configuration of the GT72, with GTX870M/GTX880M is upgradable to the new, more powerful GTX970M or even GTX980M, depending on your territory. Newer GT72 models featuring the GTX970M/GTX980M in their turn will be upgradable to future graphics generations in 2015.

\*MXM upgrade program is only available in selected countries and selected customers with special service, not for end-users to make upgrade by their own.

## Super RAID 4 Storage - Load Games in Seconds

Get in the game before everyone else with Super RAID 4, MSI's fastest RAID 0 storage configuration. Combining dual PCI-E Gen 3.0 x4 SSD's utilizing NVMe technology, harness the full performance potential of the Gen 3.0 SSD through the optimization of the hardware and software outputting extreme read speeds over 3300MB/s. Load games works in seconds!

\*This feature is only available on S versions of the GT Series using 6th Generation Intel Core® processors

## Super Port - One Port for Everything

Whatever you need, you can get it done with just one Super Port. Transfer massive files faster than ever with up to 1000MB/s transfer rates. Get more pixel power supporting dual 4K displays and extend your field of view with daisy chain capabilities. Even charge your phones, tablet and any device faster on-the-go or at home (support up to 3A current).

## Connect 4K

60Hz display with single Super Port. Enjoy your game with double the sensation.

## Cooler Boost 3: Keep Calm Under Pressure

Heat is the most original element on earth. It's pure physics that more energy will generate more heat. Cooling is therefore a knotty task to tackle with. MSI exclusive Cooler Boost 3 technology creates dual thermal modules internally by allocating dedicated heat pipes for GPU and CPU. One click on the fan boost button, a total of 5 heat pipes and dual fans actively and effectively push heat out of the system, making the cooling design of GT72 the highest level of its kind.

#### Latest architecture DDR4-2133 Memory Support

Get the best possible performance out of your notebook with support of the advanced DDR4-2133 memory, achieving over 2.9GB/s in reading speed and 3.2GB/s in writing. With over 30% faster performance than previous generations DDR3-1600, DDR4-2133 is the new laptop standard to take your extreme gaming experience to the next level.

#### The Real Deal:

A Keyboard All Gamers Desire For

Every hardware detail of this keyboard is calculated and especially designed for professional gamers' needs. Better responsive and tactile feedback, optimum WASD zone and support of multi-key inputs are all for gamers to gain full command over gaming missions.

#### SteelSeries Engine 3 (SSE3) - Target, Position, Aim and Fire

During gameplay, SteelSeries Engines 3 serves as your firearm. With SSE3, you get to suit up your weapon with cool look by lightening it up with multiple backlit colors, transform your keyboard into a high technology firearm by setting up several keys into one key command and cloud syncing all SteelSeries gears together.

#### Freedom to Play

SteelSeries Engine will automatically recognize what game you are playing and open your saved profile(s) for that game. You can create your own profiles for other applications and then have SteelSeries Engine open the corresponding profile when you start up your application.

#### Friendly UI design

The SteelSeries Engine is easy to understand by using pictorial representations of devices along with basic drag-and-drop techniques to assign key presses, complex macros, device profiles and buttons. Also features intuitive macro creation with customizable colors, fonts, and names for everything.

#### 99% PROGRAMMABLE MACRO/HOTKEY

Every gamer can easily customize every individual key as hot key to personalize his own play style, greatly increase the convenience on key usage.

\* Except FN key

#### QUICKLY LAUNCH APPS WITH JUST ONE CLICK

Gamers can assign application launches to specific keys, avoiding the need to browse through endless menus.

#### CLOUDSYNC

Users may backup, share and sync your configuration profiles through SSE3 app across all platforms. Simply log in with your SteelSeries ID to access to configurations whenever you are.

#### INTERFACE COMMUNICATION

Synchronize all your SteelSeries gears through SSE3 more fluent and better gaming experience.

#### 4 keyboard layers options!!

There are 4 layers for gamers to set 4 usage scenario or game. Not only that, while playing the game, gamers can easily and quickly switch layer\*, such as a chat screen with friends. Communication with friends is not interrupted!!

\*The layers switch key is &#8220;Fn+1~4"

#### Intelligent keypress macro capabilities

There are virtually unlimited keypress macro creation capabilities. Anything you can do on a mouse or a keyboard can be programmed along with specific event timing. You can even program mouse events into keyboard macros. Your macros will be running at a high priority in your computers Operating System, yet it does NOT interfere with your real time actions during gameplay.

## Create your own text macro

Besides keypress macro, SteelSeries Engine also can create the text macro for gamers' talk. By this way, gamers can have simultaneously multi-party conversation and do not waste time in doing repetitive typing.

## Create your own text macro

### KLM (Keyboard light management)

Depending on your mood and desires, you can choose from more than 1,000 color combinations and five different scenario modes for the keyboard, enabling you to be the coolest gamer at any LAN party!

## Unlimited profile possibilities

Profiles are sets of macros, button assignments, and device configurations that are frequently used together. An unlimited number of profiles, with customizable names, can be stored in the SteelSeries Engine. It provides predefined profiles for common games which can be used directly or as templates for your custom macros.

## Statistics to analyze and improve

Whether you're playing an FPS or editing in Photoshop, being better and more efficient is something we want to help you achieve. Use the Statistics module to record your keyboard or mouse actions. Then review the peripheral heat map, which shows with both color and numbers the frequency of your key or button presses. You can then use this information to fine tune your macros as well as your key and mouse button assignments to optimize your tools to play (and work).

## Silver Lining Print

See more and do more in the night with high-grade silver lining printed keys. See the full color spectrum on the SteelSeries multicolor keyboard and enjoy longer lasting keys worry free of long-term wear and tear.

## ESS SABRE HiFi Audio DAC - Evolve Details You Hear

Push the limits of your audio peripherals and hear the difference with the SABRE Audio DAC. Support 24bit/192kbps sampling rate. Drive your high quality headset from 16ohm to 600ohm which gives highest sound detail, up to 122dBA DNR unmatched by PC, Mac or mobile devices DAC. Discover new details that you've been missing or maintain the upper-hand in competitive FPS matches where every bit of sound counts.

\*Available on GT and GS certain SKU.

## Nahimic Virtual Surround Sound - Military Technology, the Next Gaming Standard

Originally developed for military fighter jets, Nahimic specializes in 3D sound software processing and audio improvements offering virtual 7.1 sound in immersive high definition. Designed to work with standard audio and stereo equipment, Nahimic transports gamers into the action, allowing them to sense every footstep, hear every bullet whizzing past, and feel every explosion. It also features a high definition audio recorder to easily capture and stream studio quality sound and is only available on MSI gaming laptops.

## Virtual Surround

Highly immersive 7.1 virtualization Brings an ultra realistic 360°Sound stage.

## Bass boost

Powerful AND deep bass Emphasizes the sub frequencies of explosion shockwaves and brings vibrancy to the gaming soundtracks

## FREQUENCY LEVELER

Because each sound can be decisive Raises up the highest frequencies in order to highlight all the important tiny details (footsteps, gunshot whistles&#8230;).

## Noise gate & Noise reduction

Removes 90% of the noise Removes the noise from your communications. The result is a crystal clear in-game voice com in any situation.

\*Available on select models

## SOUND by DYNAUDIO 2.1 SPEAKER SYSTEM

Cooperated with the world leading speaker company Dynaudio for years, the whole new designed GT72 is packing the latest speakers design with 2 channels with 1 subwoofer, and its absolutely authentic hearing experience. The signal has been enhanced up to 50% sound detail and up to 10dB volume has been increased; people who play games or enjoy movies will absolutely be immersed in the perfect system with outstanding sound effect.

#### AUDIO BOOST 2 WITH 3 INDEPENDENT AMP

By utilizing dedicated headset amplifiers, an isolated audio board and gold-plated audio jacks, Audio Boost 2 delivers the most advanced listening experience of any gaming notebook. Audio performance is improved by an average of 30%, calculation based on measurable parameters in traditional audio solutions.

Audio Boost 2 provides gamers a more detailed aural picture of their surroundings, helping in-game, while also minimizing distortion and providing a powerful amplifier which has no trouble powering even the most demanding gaming headsets. Gold-plated jacks will give you less noise interference and ensure the long-term durability of the jack.

#### Killer DoubleShot Pro - Protecting Your Ping

Stop losing games to lag with Killer DoubleShot Pro. Protect and prioritize networking traffic while preventing lag spikes so you can game without fear and play at your best. Select programs you want your network to prioritize to ensure maximum bandwidth and track your speeds with the easy-to-use Killer Networking Manager. Killer DoubleShot Pro supports both Killer Gb LAN and WiFi 802.11ac dual band protocol and improves average latency by 3.5 times compared with those utilizing 802.11ac.

#### Killer Shield - Smoother Gameplay

One more protection for smoother uploads and download processes. Less ping rate floating reassures more fluent gameplays.

#### SHOW OFF YOUR SKILLS TO THE WORLD

XSplit Gamecaster lets you easily record your gaming moments and broadcast your live gameplay sessions to Twitch, YouTube, UStream and more. It's simple, easy to use and ideal for sharing your gameplay with the world. So what are you waiting for? Join the revolution and start streaming and recording with XSplit Gamecaster today.

#### STREAMING

Use XSplit Gamecaster to stream all of your gaming activities

Webcam & chroma key

Add a webcam and show your game face

Share your broadcast

Share your broadcast and conquer the world

Realtime notes

Draw attention whilst casting with in-game annotations

Record & upload

Organize and upload your greatest gaming moments

TriDef SmartCam Integration

Revolutionary background removal without the need of a green screen.

Adaptive Bitrate Technology

Automatically adjusts your bitrate to minimize connection drops so you can enjoy uninterrupted streaming.

#### SEE GAMING DIFFERENTLY WITH NVIDIA G-SYNC

See gaming differently with breakthrough NVIDIA G-SYNC display technology. By synchronizing the display refresh rates to the GPU, G-SYNC eliminates screen tearing and minimizes stutter and input lag to deliver the very best gaming experience. Objects look sharper and gameplay is fluid and responsive to give you a serious competitive edge.

True Color Technology

MSI True Color Technology guarantees that each panel in a MSI notebook comes with the finest precision in color. After examination and an extensive factory calibration process by the MSI True Color Technology, the panel quality will be more accurate, close to 100% sRGB. Hence, each color is delivered with the highest standard precision in detail, guaranteeing excellent color fidelity for many use applications.

MSI has partnered with Portrait Displays, Inc. in developing a level of accuracy for display technology that sets a new standard. Trusting that the displays colors naturally represent the content is MSI's objective.

#### TRUE COLOR PROFILE

Vision and sound are the most important two factors in this field. You now get to see clearer than your enemies to always get one step ahead of the rest. Besides Gaming Mode, True Color Technology also offers perfect color accuracy for 5 more scenarios. Work or play, you can easily switch to the mode that best suits your eyes. The profile sharing feature permits you to share your True Color settings to other users anywhere.

#### Matrix Display

Expand the vision for extreme gaming experience. Embrace immersive gaming experience by expanding your gaming real estate across 3 external displays in full HD with the Surround View Mode of MSI Matrix Display technology.

Furthermore, MSI innovative Matrix Display on GT series supports up to 3 external displays, 4 displays in total simultaneously through one HDMI 1.4, two MINI DisplayPort 1.2 and laptop built-in display. Multi-task is made possible even during competitive gameplays. Connect the laptop to HDTV display, Matrix Display supports 4K output with a resolution up to 3840 x 2160.

MSI Matrix Display technology creates an ideal environment for extreme gaming experience and pleasant multimedia entertainment.

#### Wide Viewing Angle Display

MSI gaming notebook built in with latest high quality Wide-View panel LCD display takes image clarity to a whole new level with higher pixel resolution. The images are amazingly much more sharp and vivid with 40% more contrast level and 40% more brightness level than regular TN panel. When you're playing games, you will have breathtaking and brilliantly true-to-life viewing experience.

#### HIGH CLASS DESIGN WITH E-SPORT ENTHUSIASM

Its brushed-metal lid and aesthetics line design are inspired by matte black supercars, adding high class taste. MSI GT72 series is designed to dominate the cyber world.

#### NVIDIA GeForce GTX 980M graphics of G-SYNC

The NVIDIA GeForce GTX 980M Series brings extreme graphics performance for furious gaming notebooks. As the first graphics solution to reach a score over 10,500 in 3DMark 11, the GeForce GTX 980M delivers extremely fast and fluid gaming experience, with G-SYNC technology from NVIDIA and special panel design, gamers could get complete image presents from 30fps to 75fps at the highest settings of Full HD.

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#### Main specifications:

##### Design

Colour of product:	Black
Product type:	Notebook
Form factor:	Clamshell
Market positioning:	Gaming

##### Display

Display diagonal:	17.3 "
Display resolution:	1920 x 1080 pixels
Touchscreen:	N
LED backlight:	Y
HD type:	Full HD
3D:	N
Display surface:	Matt
Aspect ratio:	16:9
Panel type:	IPS

##### Processor

Processor frequency:	2.6 GHz
Processor family:	Intel Core i7-6xxx
Processor model:	i7-6700HQ
Processor boost frequency:	3.5 GHz
Processor cores:	4
Processor threads:	8
System bus rate:	8 GT/s
Processor cache:	6 MB
Processor socket:	BGA 1440
Processor cache type:	Smart Cache
Motherboard chipset:	Intel CM236
Processor lithography:	14 nm
Processor operating modes:	64-bit
Stepping:	R0
Bus type:	DMI3
Processor codename:	Skylake
Thermal Design Power (TDP):	45 W
Processor series:	Intel Core i7-6700 Mobile series
FSB Parity:	N
Maximum number of PCI Express lanes:	16
PCI Express slots version:	3.0
PCI Express configurations:	1x16,2x8,1x8+2x4
Configurable TDP-down:	35 W
Tjunction:	100 °C
Conflict Free processor:	Y
ECC supported by processor:	N

#### Memory

Internal memory:	16 GB
Internal memory type:	DDR4-SDRAM
Maximum internal memory:	64 GB
Memory slots:	4x SO-DIMM
Memory form factor:	SO-DIMM

#### Storage

Total storage capacity:	1128 GB
Storage media:	HDD+SSD
Card reader integrated:	Y
Number of hard drives installed:	1
Hard drive capacity:	1000 GB
Hard drive interface:	SATA
Number of SSDs installed:	1
Solid-state drive capacity:	128 GB
Solid-state drive interface:	M.2
Compatible memory cards:	SD,SDHC,SDXC

#### Graphics

On-board graphics adapter:	Y
Discrete graphics adapter:	Y
On-board graphics adapter model:	Intel HD Graphics 530
Discrete graphics adapter model:	NVIDIA GeForce GTX 980M
On-board graphics adapter family:	Intel HD Graphics
On-board graphics adapter base frequency:	350 MHz
On-board graphics adapter dynamic frequency (max):	1050 MHz
Maximum on-board graphics adapter memory:	1.7 GB
Number of displays supported (on-board graphics):	3
Discrete graphics adapter memory:	8 GB
Discrete graphics memory type:	GDDR5
NVIDIA G-SYNC:	Y
On-board graphics adapter DirectX version:	12
On-board graphics adapter OpenGL version:	4.4
On-board graphics adapter ID:	0x191B
Graphics adapter Open GL support:	Y

#### Audio

Audio system:	Nahimic sound technology
Number of built-in speakers:	2
Speakers manufacturer:	Dynaudio
Built-in subwoofer:	Y

Built-in microphone:	Y
<b>Camera</b>	
Front camera:	Y
Front camera resolution:	1920 x 1080 pixels
<b>Optical drive</b>	
Optical drive type:	DVD Super Multi
LightScribe:	N
<b>Networking</b>	
Bluetooth:	Y
3G:	N
4G:	N
Wi-Fi:	Y
Wi-Fi standards:	802.11ac
Ethernet LAN:	Y
Ethernet LAN data rates:	10,100,1000 Mbit/s
Bluetooth version:	4.1
<b>Ports &amp; interfaces</b>	
USB 3.0 (3.1 Gen 1) Type-A ports quantity:	6
HDMI ports quantity:	1
USB 3.1 (3.1 Gen 2) Type-C ports quantity:	1
HDMI version:	1.4
DVI port:	N
Ethernet LAN (RJ-45) ports:	1
Thunderbolt 3 ports quantity:	1
Headphone outputs:	1
Microphone in:	Y
S/PDIF out port:	N
Docking connector:	N
DC-in jack:	Y
ExpressCard slot:	N
CardBus PCMCIA slot type:	N
SmartCard slot:	N
Mini DisplayPorts quantity:	1
<b>Keyboard</b>	
Numeric keypad:	Y
Pointing device:	Touchpad
Windows keys:	Y
Keyboard backlit:	Y
<b>Software</b>	
Operating system installed:	Windows 10 Home
Operating system architecture:	64-bit
<b>Processor special features</b>	
Intel® Wireless Display (Intel® WiDi):	Y
Intel® My WiFi Technology (Intel® MWT):	Y
Intel® Anti-Theft Technology (Intel® AT):	N
Intel® Smart Response Technology:	Y
Intel® Identity Protection Technology (Intel® IPT):	N
Intel® vPro® Technology:	N
Intel® Hyper Threading Technology (Intel® HT Technology):	Y
Intel® Turbo Boost Technology:	2.0
Intel® Small Business Advantage (Intel® SBA):	Y
Enhanced Intel SpeedStep Technology:	Y
Intel® Built-in Visuals Technology:	Y
Intel HD Graphics:	Y
Intel® Clear Video HD Technology (Intel® CVT™ HD):	Y
Intel Clear Video Technology:	Y
Intel® InTru™ 3D Technology:	Y
Intel® Insider™:	Y
Intel® Quick Sync Video Technology:	Y
Intel Flex Memory Access:	Y
Intel® Smart Cache:	Y
Intel® AES New Instructions (Intel® AES-NI):	Y
Intel Trusted Execution Technology:	Y
Intel Enhanced Halt State:	Y

Intel VT-x with Extended Page Tables (EPT):	Y
Intel Demand Based Switching:	N
Intel® Secure Key:	Y
Intel TSX-NI:	Y
Intel Stable Image Platform Program (SIPP):	Y
Intel® OS Guard:	Y
Intel Software Guard Extensions (Intel SGX):	1
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID):	Y
Intel 64:	Y
Execute Disable Bit:	Y
Idle States:	Y
Thermal Monitoring Technologies:	Y
Processor package size:	42 mm
Supported instruction sets:	SSE4.1,SSE4.2,AVX 2.0
Processor code:	SR2FQ
CPU configuration (max):	1
Embedded options available:	N
Graphics & IMC lithography:	14 nm
Intel Virtualization Technology for Directed I/O (VT-d):	Y
Intel Smart Response Technology version:	1.00
Intel Stable Image Platform Program (SIPP) version:	0.00
Intel Secure Key Technology version:	1.00
Intel Small Business Advantage (SBA) version:	1.00
Intel TSX-NI version:	1.00
Intel Virtualization Technology (VT-x):	Y
Intel Dual Display Capable Technology:	N
Intel FDI Technology:	N
Intel Rapid Storage Technology:	N
Intel Fast Memory Access:	N
Processor ARK ID:	88967

#### Battery

Number of battery cells:	9
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#### Power

AC adapter power:	230 W
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#### Weight & dimensions

Weight:	3780 g
Width:	428 mm
Depth:	294 mm
Height:	48 mm

#### Packaging data

AC adapter included:	Y
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#### Other features

Intel® Virtualization Technology (Intel® VT):	VT-x,VT-d
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