msi

MSI Gaming GE62 6QF(Apache Pro)-267PH Intel® Core™ i7 i7-6700HQ Prijenosno računalo 39,6 cm (15.6") Full HD 8 GB DDR4-SDRAM 1 TB HDD NVIDIA® GeForce® GTX 970M Wi-Fi 5 (802.11ac) Windows 10 Home Crno

Brend : MSI

Obitelj proizvoda: Gaming

Kod proizvoda: GE62 6QF-267PH

Ime proizvoda : GE62 6QF(Apache Pro)-267PH

MSI Gaming GE62 6QF(Apache Pro)-267PH. Tip proizvoda: Prijenosno računalo, Veličina: Školjkasto. Porodica procesora: Intel® Core™ i7, Model procesora: i7-6700HQ, Frekvencija procesora: 2,6 GHz. Dijagonala monitora: 39,6 cm (15.6"), Tip HD-a: Full HD, Razlučivost zaslona: 1920 x 1080 pikseli. Interna memorija: 8 GB, Vrsta interne memorije: DDR4-SDRAM. Ukupni prostor za pohranu: 1 TB, Mediji za pohranu: HDD, Vrsta optičkog uređaja: DVD Super Multi. Instalirani operacijski sustav: Windows 10 Home. Boja proizvoda: Crno

Design

Product type *	Laptop
Product colour *	Black
Form factor *	Clamshell
Market positioning	Gaming

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1920 x 1080 pixels
Touchscreen *	✗
HD type	Full HD
Panel type	IPS
LED backlight	✔
Native aspect ratio	16:9
Display surface	Matt
Dual-screen	✗

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i7
Processor generation	6th gen Intel® Core™ i7
Processor model *	i7-6700HQ
Processor cores	4
Processor threads	8
Processor boost frequency	3.5 GHz
Processor frequency *	2.6 GHz
System bus rate	8 GT/s
Processor cache	6 MB
Processor cache type	Smart Cache
Processor socket	BGA 1440
Processor lithography	14 nm
Processor operating modes	64-bit
Processor series	Intel Core i7-6700 Mobile series
Processor codename	Skylake

Ports & interfaces

CardBus PCMCIA slot type	✗
SmartCard slot	✗

Performance

Motherboard chipset	Intel® HM170

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔
Windows keys	✔

Software

Operating system architecture	64-bit
Operating system installed *	Windows 10 Home

Processor special features

Intel® Wireless Display (Intel® WiDi)	✔
Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Smart Response Technology	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
Intel® Small Business Advantage (Intel® SBA)	✔
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel® InTru™ 3D Technology	✔

Processor

Bus type	DMI3
Stepping	R0
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, 2x8, 1x8+2x4
ECC supported by processor	✘

Memory

Internal memory *	8 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	2133 MHz
Memory form factor	SO-DIMM
Memory slots	2x SO-DIMM
Maximum internal memory *	32 GB

Storage

Total storage capacity *	1 TB
Storage media *	HDD
Number of HDDs installed	1
HDD capacity	1 TB
HDD interface	SATA
Optical drive type *	DVD Super Multi
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

Graphics

Discrete graphics card model *	NVIDIA® GeForce® GTX 970M
Discrete graphics card memory	3 GB
Discrete graphics memory type	GDDR5
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card model *	Intel® HD Graphics 530
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1050 MHz
Maximum on-board graphics card memory	1.7 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	0x191B

Audio

Speakers manufacturer	Dynaudio
Built-in microphone	✔

Camera

Front camera	✔
Front camera resolution	1280 x 720 pixels

Network

Wi-Fi	✔
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)
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	10,1000,100 Mbit/s
Bluetooth	✔

Processor special features

Intel® Insider™	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel® Secure Key	✔
Intel TSX-NI	✘
Intel Stable Image Platform Program (SIPP)	✘
Intel® OS Guard	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	42 x 28 mm
Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Processor code	SR2FQ
CPU configuration (max)	1
Embedded options available	✘
Graphics & IMC lithography	14 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
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)	✔
Processor ARK ID	88967
Conflict-Free processor	✔

Battery

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	6
Battery capacity	4730 mAh
Battery capacity *	51 Wh

Power

AC adapter power	120 W
AC adapter frequency	50 - 60 Hz
DC-in jack	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington

Weight & dimensions

Width	383 mm

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
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	1.4
Mini DisplayPorts quantity	1
DVI port	✘
Headphone outputs	1
S/PDIF out port	✘
Microphone in	✔
Docking connector	✘
ExpressCard slot	✘

Weight & dimensions

Depth	260 mm
Height (front)	2.7 cm
Height (rear)	2.9 cm
Weight *	2.4 kg

Packaging content

AC adapter included *	✔
Manual	✔

Other features

LightScribe	✘
3D	✘