

MSI Workstation WS60 6QH-098BE (WS60 6QH-098BE)

Intel Core i7-6700HQ (6M Cache, 2.60 GHz), 39.624 cm (15.6 ") Full HD (1920x1080) LED, 16GB DDR4, 128GB SSD + 1TB SATA HDD, Intel HD Graphics 530 + NVIDIA Quadro M600M 2GB GDDR5, Gigabit Ethernet, WLAN 802.11ac, Bluetooth, FHD WebCam, Windows 10 Pro 64-bit



Price details:

Price excl. VAT: 1,822.97 €

Eco fees: 0.00 €

VAT 21 %: 382.82 €

Product details:

Product code: WS60 6QH-098BE

EAN: 4719072438418

Manufacturer: MSI

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2,205.79 €

Product is discontinued. You can not order it anymore.

* VAT included

LATEST 6TH GENERATION INTEL CORE I7 PROCESSORS AND XEON PROCESSORS

The new 6th generation Intel processors consume less power but deliver much improved performance than previous generation processors. A 20% performance increase in average can be discovered on the new Intel Core i7 CPU.

MSI mobile workstations powered by the latest 6th generation Intel Core i7 CPU and the new Xeon E3-1505M processor display unmatched performance capabilities.

UNMATCHED PERFORMANCE

Powered by the NVIDIA Quadro M-series, provides an unmatched graphics power and performance to get the job done faster than ever.

MADE TO MULTI-TASK

MSI's exclusive Matrix Display technology supports up to 3 external monitors to go from a portable notebook into the ultimate multi-tasking workstation. Output your work to a 4K display for the best viewing experience and stunning details.

CRAZY FAST NVMe PCI-E Gen3 X4 SSD

Get the most advanced storage technology before everyone else with the latest PCI-E Gen 3.0 x4 bandwidth utilizing NVMe technology on single M.2 SSD. Harness the full performance potential of the Gen 3.0 SSD through the optimization of the hardware and software outputting extreme read speeds up to 2200MB/s, 5x faster than SATA3 SSD's

ISV Certified Mobile Workstation

MSI workstations are ISV Certified. Officially recognized by major ISVs such as AutoDesk, Dassault Systems, PTC, Adobe, and more, this certification ensures your most critical applications will run reliably on the MSI Mobile Workstation, providing optimal performance and high quality user experience.

DDR4-2133 - New Memory Benchmark

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 3.5GB/s in writing. With over 30% faster performance than previous generations DDR3-1600, DDR4-2133 is the new laptop standard to take your improved working efficiency to the next level.

SUPER PORT WITH THUNDERBOLT (OPTIONAL)

Transfer massive files faster than ever with up to 40Gbps transfer speed. Get more pixel power with dual 4K displays

and extend your field of view with daisy chain capabilities. Even charge your mobile phone, 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.

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 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 goal.

TRUE COLOR PROFILE

Vision and sound are the most important two factors. 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.

Main specifications:

Design

Colour of product:	Black
Product type:	Mobile workstation
Form factor:	Clamshell

Display

Display diagonal:	15.6 "
Display resolution:	1920 x 1080 pixels
Touchscreen:	N
LED backlight:	Y
HD type:	Full HD
3D:	N
Aspect ratio:	16:9

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 HM170
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:	32 GB
Memory clock speed:	2133 MHz
Memory slots:	2x 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
Solid-state drive capacity:	128 GB
Compatible memory cards:	SD,SDHC,SDXC

Graphics

On-board graphics adapter:	Y
On-board graphics adapter model:	Intel HD Graphics 530
On-board graphics adapter family:	Intel HD Graphics
On-board graphics adapter base frequency:	350 MHz
On-board graphics adapter dynamic frequency:	1050 MHz
Maximum on-board graphics adapter memory:	1.7 GB
Number of displays supported (on-board graphics):	3
Discrete graphics adapter memory:	2 GB
Discrete graphics memory type:	GDDR5
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 Audio Enhancer
Speakers manufacturer:	Dynaudio
Built-in microphone:	Y

Camera

Front camera:	Y
Front camera resolution:	1920 x 1080 pixels
Video capturing speed:	30 fps

Optical drive

Optical drive type:	N
LightScribe:	N

Networking

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

Ports & interfaces

USB 3.0 (3.1 Gen 1) Type-A ports quantity:	2
HDMI ports quantity:	1
USB 3.1 (3.1 Gen 2) Type-C ports quantity:	1
DVI port:	N
Ethernet LAN (RJ-45) ports:	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

Keyboard

Numeric keypad:	Y
Pointing device:	Touchpad
Windows keys:	Y
Keyboard backlit:	Y

Software

Operating system installed:	Windows 10 Pro
Operating system architecture:	64-bit

Processor special features

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):	Y
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:	6
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Power

AC adapter power:	150 W
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Security

Cable lock slot: Y
Cable lock slot type: Kensington

Weight & dimensions

Weight: 1900 g
Width: 390 mm
Depth: 266 mm
Height: 19.9 mm

Packaging data

AC adapter included: Y