MSI Gaming GT683-484CS laptop Intel® Core™ i5 i5-2430M 39,6 cm (15.6") Full HD 6 GB DDR3-SDRAM 500 GB NVIDIA® GeForce® GTX 560M Windows 7 Home Premium Black

Brand : MSI   **Product family:** Gaming   **Product code:** GT683-484CS

Product name : GT683-484CS

GT683-484CS - Intel Core i5-2430M (3M Cache, 2.40 GHz), 15.6" Full HD Glare (1920x1080), 6GB DDR3, 500GB SATA HDD 7200rpm, Nvidia GeForce GTX 560M 1.5GB GDDR5, DVD Super Multi, Gigabit Ethernet, WLAN 802.11 b/g/n, Bluetooth 3.0+HS, 720p HD video (2.0) Webcam, Windows 7 Home Premium, Bag, Mouse

MSI Gaming GT683-484CS. Processor family: Intel® Core™ i5, Processor model: i5-2430M, Processor frequency: 2,4 GHz. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 6 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 3000, Discrete graphics card model: NVIDIA® GeForce® GTX 560M. Operating system installed: Windows 7 Home Premium. Product colour: Black. Weight: 3,5 kg

Design

Product colour *	Black

Display

Display diagonal *	39,6 cm (15.6")
Display resolution *	1920 x 1080 pixels
HD type	Full HD
Native aspect ratio	16:9
Display surface	Gloss

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	2nd gen Intel® Core™ i5
Processor model *	i5-2430M
Processor cores	2
Processor threads	4
Processor boost frequency	3 GHz
Processor frequency *	2,4 GHz
System bus rate	5 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
Processor socket	Socket 988
Processor lithography	32 nm
Processor operating modes	64-bit
Processor series	Intel Core i5-2400 Mobile Series
Processor codename	Sandy Bridge
Bus type	DMI
FSB Parity	✘
Stepping	J1
Thermal Design Power (TDP)	35 W
Tjunction	100 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	2.0
PCI Express configurations	1x16, 2x8, 1x8+2x4
CPU multiplier (bus/core ratio)	24

Ports & interfaces

SmartCard slot	✘
TV-out	✘

Performance

Motherboard chipset	Intel HM67 Express

Keyboard

Pointing device	Touchpad
Full-size keyboard	✔

Software

Operating system architecture	64-bit
Operating system installed *	Windows 7 Home Premium

Processor special features

Intel® Wireless Display (Intel® WiDi)	✔
Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Anti-Theft Technology (Intel® AT)	✔
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	2.0
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✘
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔
Intel® Smart Cache	✔
Intel® AES New Instructions (Intel® AES-NI)	✔

Processor

ECC supported by processor	✗

Memory

Internal memory *	6 GB
Internal memory type	DDR3-SDRAM
Memory clock speed	1333 MHz
Memory slots	4x SO-DIMM
Maximum internal memory *	16 GB

Storage

Total storage capacity *	500 GB
HDD interface	SATA
HDD speed	7200 RPM
Optical drive type *	DVD Super Multi
Card reader integrated	✔
Compatible memory cards	Memory Stick (MS), MMC, SD, SDXC, xD

Graphics

Discrete graphics card model *	NVIDIA® GeForce® GTX 560M
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 3000
On-board graphics card base frequency	650 MHz
On-board graphics card dynamic frequency (max)	1200 MHz
On-board graphics card ID	0x116

Audio

Audio system	THX TruStudio Pro
Number of built-in speakers	2
Speakers manufacturer	Dynaudio
Built-in subwoofer	✔

Network

Wi-Fi	✔
Networking features	Gigabit Ethernet, WLAN
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN	✔
Bluetooth	✔
Bluetooth version	3.0+HS
Cabling technology	10/100/1000Base-T(X)

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
eSATA ports quantity	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
DVI port	✗
VGA (D-Sub) ports quantity	1
Headphone outputs	1
S/PDIF out port	✗
Microphone in	✔
Docking connector	✗
ExpressCard slot	✗
CardBus PCMCIA slot type	✗

Processor special features

Intel Trusted Execution Technology	✗
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Demand Based Switching	✗
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	37.5x37.5 (rPGA988B); 31 x 24 (BGA1023)
Supported instruction sets	AVX
Processor code	SR04W
CPU configuration (max)	1
Embedded options available	✗
Graphics & IMC lithography	32 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✗
Intel Identity Protection Technology version	1,00
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✔
Intel FDI Technology	✔
Intel Rapid Storage Technology	✗
Intel Fast Memory Access	✔
Processor ARK ID	53450
Conflict-Free processor	✗
Integrated 4G WiMAX	✔

Battery

Number of battery cells	9

Power

AC adapter power	150 W
DC-in jack	✔

Security

Cable lock slot	✗

Weight & dimensions

Width	396 mm
Depth	265 mm
Height (front)	3,5 cm
Height (rear)	4,6 cm
Weight *	3,5 kg

Packaging content

AC adapter included *	✔

Other features

Infrared data port	✗
Graphics card family	NVIDIA
Type	PC

4719072237776

Catalog Object Cloud