

ASUS ROG G53SX-S1178V laptop Intel® Core™ i7 i7-2630QM 39.6 cm (15.6") 8 GB DDR3-SDRAM 750 GB NVIDIA® GeForce® GTX 560M Windows 7 Home Premium Black



Brand : ASUS

Product family: ROG

Product code: G53SX-S1178V

Product name : G53SX-S1178V

Intel Core i7-2630QM (2.00 GHz), 8192MB DDR3, 750GB SATA HDD, 2048MB GDDR5 VRAM, 15.6" LED, 2x USB 2.0, 1x USB 3.0, 1x HDMI, Gigabit Ethernet, 802.11 b/g/n, Windows 7 Home Premium, 3.92kg, Black

ASUS ROG G53SX-S1178V. Processor family: Intel® Core™ i7, Processor: i7-2630QM, Processor frequency: 2 GHz. Display diagonal: 39.6 cm (15.6"). Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 750 GB, Optical drive: 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: 3.92 kg

Design		Keyboard	
Product colour *	Black	Pointing device	Touchpad
Display		Full-size keyboard	✓
Display diagonal *	39.6 cm (15.6")	Keyboard	QWERTY
LED backlight	✓	Software	
Processor		Operating system architecture	64-bit
Processor manufacturer *	Intel	Drivers included	✓
Processor family *	Intel® Core™ i7	Operating system installed *	Windows 7 Home Premium
Processor generation	2nd gen Intel® Core™ i7	Processor special features	
Processor *	i7-2630QM	Intel Wireless Display (WiDi) Technology	✓
Processor number of cores	4	Intel My WiFi Technology	✓
Processor threads	8	Intel Anti-Theft Technology	✓
Processor boost frequency	2.9 GHz	Intel Identity Protection Technology	✓
Processor frequency *	2 GHz	Intel Hyper-Threading Technology	✓
System bus data transfer rate	5 GT/s	Intel Turbo Boost Technology	2.0
Processor cache	6 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	Smart Cache	Intel Clear Video HD Technology	✓
Processor socket	Socket 988	Intel Clear Video Technology	✗
Processor lithography	32 nm	Intel® InTru™ 3D Technology	✓
Processor operating modes	64-bit	Intel® Insider™	✓
Processor series	Intel Core i7-2600 Mobile Series	Intel® Quick Sync Video Technology	✓
Processor codename	Sandy Bridge	Intel Flex Memory Access	✓
Bus type	DMI	Intel AES New Instructions	✓
FSB Parity	✗	Intel Trusted Execution Technology	✗
Stepping	D2	Intel Enhanced Halt State	✓
Thermal Design Power (TDP)	45 W	Intel VT-x with Extended Page Tables (EPT)	✓
Tjunction	100 °C	Intel Demand Based Switching	✗
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)	20		

Processor		Processor special features	
ECC supported by processor	✗	Intel Clear Video Technology for MID	✗
Memory		Intel 64	✓
Internal memory *	8 GB	Execute Disable Bit	✓
Internal memory type	DDR3-SDRAM	Idle States	✓
Memory clock speed	1333 MHz	Thermal Monitoring Technologies	✓
Memory slots	4x SO-DIMM	Processor package size	37.5 x 37.5 (rPGA998)
Memory, maximum *	16 GB	Supported instruction sets	AVX
Storage		Processor code	SR02Y
Total storage capacity *	750 GB	Embedded options available	✗
Number of HDDs installed	1	Graphics & IMC lithography	32 nm
Hard drive capacity	750 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Hard drive interface	SATA	Intel Identity Protection Technology version	1.00
Optical drive *	DVD Super Multi	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Intel Dual Display Capable Technology	✓
Compatible memory cards	Memory Stick (MS), MMC, MS Duo, MS PRO, SD	Intel FDI Technology	✓
Graphics		Intel Rapid Storage Technology	✗
Discrete graphics card model *	NVIDIA® GeForce® GTX 560M	Intel Fast Memory Access	✓
Discrete graphics card memory	2 GB	Processor ARK ID	52219
Discrete graphics memory type	GDDR5	Conflict-Free processor	✗
On-board graphics card *	✓	Integrated 4G WiMAX	✓
Discrete graphics card *	✓	Battery	
On-board graphics card family	Intel® HD Graphics	Number of battery cells	8
On-board graphics card model *	Intel® HD Graphics 3000	Battery capacity	5200 mAh
On-board graphics card base frequency	650 MHz	Battery capacity *	74 Wh
On-board graphics card dynamic frequency (max)	1100 MHz	Power	
On-board graphics card ID	0x116	AC adapter power	150 W
Audio		AC adapter output current	7.7 A
Audio system	EAX Advanced HD 5.0	AC adapter output voltage	19.5 V
Number of built-in speakers	2	DC-in jack	✓
Built-in microphone	✓	Security	
Network		Cable lock slot	✓
Wi-Fi	✓	Cable lock slot type	Kensington
Network interface	Gigabit Ethernet	Weight & dimensions	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Width	391 mm
Ethernet LAN connection	✓	Depth	297 mm
Bluetooth	✗	Height (front)	3 cm
Cabling technology	10/100/1000Base-T(X)	Height (rear)	6 cm
Ports & interfaces		Weight *	3.92 kg
USB 2.0 ports quantity *	2	Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	AC adapter included *	✓
Ethernet LAN (RJ-45) ports	1	Other features	
HDMI ports quantity *	1	Wireless	Wi-Fi
DVI port	✗	Infrared data port	✗
VGA (D-Sub) ports quantity	1	Graphics card family	NVIDIA
Headphone outputs	1	Type	PC
S/PDIF out port	✗	Display	LCD
Microphone in	✓	Power supply type	AC/DC
Docking connector	✗	Power requirements	100 - 240V
ExpressCard slot	✗	Compliance industry standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
CardBus PCMCIA slot type	✗	Audio system full duplex	✓
SmartCard slot	✗		
TV-out	✗		

Performance

Chipset Intel® HM65 Express

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.