

ASUS X53S-233D2670QM laptop Intel® Core™ i7 i7-2670QM 39,6 cm (15.6") 4 GB DDR3-SDRAM 500 GB HDD NVIDIA® GeForce® GT 520M Grey



Brand : ASUS

Product code: X53S-233D2670QM

Product name : X53S-233D2670QM

Intel Core i7-2670QM Processor (6M Cache, up to 3.10 GHz), 15.6" (1366x768) LED Backlite, 4GB DDR3 1333MHz, 500GB 7200rpm, Nvidia GT520M, DVD-RW, Gigabit Ethernet, 802.11b/g/n
 ASUS X53S-233D2670QM. Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-2670QM, Processor frequency: 2,2 GHz. Display diagonal: 39,6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD-RW. On-board graphics card model: Intel® HD Graphics 3000, Discrete graphics card model: NVIDIA® GeForce® GT 520M. Product colour: Grey

Design		Ports & interfaces	
Product colour *	Grey	Line-in	✓
Form factor *	Clamshell	ExpressCard slot	✗
Display		CardBus PCMCIA slot type	✗
Display diagonal *	39,6 cm (15.6")	SmartCard slot	✗
Display resolution *	1366 x 768 pixels	Headphone connectivity	3.5 mm
LED backlight	✓	Microphone connectivity	3.5 mm
Native aspect ratio	16:9	Keyboard	
Processor		Pointing device	Touchpad
Processor manufacturer *	Intel	Windows keys	✓
Processor family *	Intel® Core™ i7	Processor special features	
Processor generation	2nd gen Intel® Core™ i7	Intel® Wireless Display (Intel® WiDi)	✓
Processor model *	i7-2670QM	Intel® My WiFi Technology (Intel® MWT)	✓
Processor cores	4	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor threads	8	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor boost frequency	3,1 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor frequency *	2,2 GHz	Intel® Turbo Boost Technology	2.0
System bus rate	5 GT/s	Enhanced Intel SpeedStep Technology	✓
Processor cache	6 MB	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache type	Smart Cache	Intel Clear Video Technology	✗
Processor socket	BGA 1224	Intel® InTru™ 3D Technology	✓
Processor lithography	32 nm	Intel® Insider™	✓
Processor operating modes	64-bit	Intel® Quick Sync Video Technology	✓
Processor series	Intel Core i7-2600 Mobile Series	Intel Flex Memory Access	✓
Processor codename	Sandy Bridge	Intel® Smart Cache	✓
Bus type	DMI	Intel® AES New Instructions (Intel® AES-NI)	✓
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	Memory	
PCI Express slots version	2.0	Internal memory *	4 GB
PCI Express configurations	1x16, 2x8, 1x8+2x4	Internal memory type	DDR3-SDRAM
CPU multiplier (bus/core ratio)	22		
ECC supported by processor	✗		

Memory		Processor special features	
Memory clock speed	1333 MHz	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Maximum internal memory *	8 GB	Intel 64	✓
Storage		Execute Disable Bit	✓
Total storage capacity *	500 GB	Idle States	✓
Storage media *	HDD	Thermal Monitoring Technologies	✓
Number of HDDs installed	1	Processor package size	31 mm
HDD capacity	500 GB	Supported instruction sets	AVX
HDD speed	7200 RPM	Processor code	SR02S
Optical drive type *	DVD-RW	CPU configuration (max)	1
Card reader integrated	✓	Embedded options available	✗
Graphics		Graphics & IMC lithography	32 nm
Discrete graphics card model *	NVIDIA® GeForce® GT 520M	Intel Virtualization Technology for Directed I/O (VT-d)	✗
On-board graphics card *	✓	Intel Identity Protection Technology version	1,00
Discrete graphics card *	✓	Intel Virtualization Technology (VT-x)	✓
On-board graphics card family	Intel® HD Graphics	Intel Dual Display Capable Technology	✓
On-board graphics card model *	Intel® HD Graphics 3000	Intel FDI Technology	✓
On-board graphics card base frequency	650 MHz	Intel Rapid Storage Technology	✗
On-board graphics card dynamic frequency (max)	1200 MHz	Intel Fast Memory Access	✓
On-board graphics card ID	0x116	Processor ARK ID	53470
Audio		Conflict-Free processor	✗
Built-in speaker(s)	✓	Integrated 4G WiMAX	✓
Built-in microphone	✓	Power	
Camera		DC-in jack	✓
Front camera resolution (numeric)	0,3 MP	Security	
Network		Cable lock slot	✗
Wi-Fi	✓	Packaging content	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	AC adapter included *	✓
Ethernet LAN	✓	Cables included	AC
Ethernet LAN data rates	10,100,1000 Mbit/s	Other features	
Bluetooth	✗	LightScribe	✗
Cabling technology	10/100/1000Base-T(X)	Infrared data port	✗
Ports & interfaces		Graphics card family	Intel, NVIDIA
Ethernet LAN (RJ-45) ports	1	Display	TFT
HDMI ports quantity *	1	Ethernet interface type	Gigabit Ethernet
DVI port	✗		
VGA (D-Sub) ports quantity	1		
Headphone outputs	1		
Microphone in	✓		

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