

ASUS K53SC Intel® Core™ i5 i5-2430M 39.6 cm (15.6") 4 GB DDR3-SDRAM 500 GB HDD NVIDIA® GeForce® GT 520MX Windows 7 Home Basic Brown

Brand : ASUS

Product code: 90N8LC254W1858RD13AY

Product name : K53SC

ASUS K53SC. Processor family: Intel® Core™ i5, Processor: i5-2430M, Processor frequency: 2.4 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 Super Multi. On-board graphics card model: Intel® HD Graphics 3000, Discrete graphics card model: NVIDIA® GeForce® GT 520MX. Operating system installed: Windows 7 Home Basic. Product colour: Brown. Weight: 2.6 kg



Design		Ports & interfaces	
Product colour *	Brown	TV-out	✗
Display		Performance	
Display diagonal *	39.6 cm (15.6")	Motherboard chipset	Intel HM67 Express
Display resolution *	1366 x 768 pixels	Keyboard	
LED backlight	✓	Pointing device	Touchpad
Native aspect ratio	16:9	Numeric keypad *	✓
Processor		Windows keys	✓
Processor manufacturer *	Intel	Keyboard layout	QWERTY
Processor family *	Intel® Core™ i5	Software	
Processor generation	2nd gen Intel® Core™ i5	Operating system installed *	Windows 7 Home Basic
Processor *	i5-2430M	Processor special features	
Processor number of cores	2	Intel Wireless Display (WiDi) Technology	✓
Processor threads	4	Intel My WiFi Technology	✓
Processor boost frequency	3 GHz	Intel Anti-Theft Technology	✓
Processor frequency *	2.4 GHz	Intel Identity Protection Technology	✓
System bus data transfer rate	5 GT/s	Intel Hyper-Threading Technology	✓
Processor cache	3 MB	Intel Turbo Boost Technology	2.0
Processor cache type	Smart Cache	Enhanced Intel SpeedStep Technology	✓
Processor socket	Socket 988	Intel Clear Video HD Technology	✓
Processor lithography	32 nm	Intel Clear Video Technology	✗
Processor operating modes	64-bit	Intel® InTru™ 3D Technology	✓
Processor series	Intel Core i5-2400 Mobile Series	Intel® Insider™	✓
Processor codename	Sandy Bridge	Intel® Quick Sync Video Technology	✓
Bus type	DMI	Intel Flex Memory Access	✓
FSB Parity	✗		
Stepping	J1		
Thermal Design Power (TDP)	35 W		
Tjunction	100 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel® Smart Cache	✓
PCI Express slots version	2.0	Intel AES New Instructions	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Trusted Execution Technology	✗
CPU multiplier (bus/core ratio)	24	Intel Enhanced Halt State	✓
ECC supported by processor	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel Demand Based Switching	✗
Internal memory *	4 GB	Intel Clear Video Technology for MID	✗
Internal memory type	DDR3-SDRAM	Intel 64	✓
Memory clock speed	1333 MHz	Execute Disable Bit	✓
Memory slots	2x SO-DIMM	Idle States	✓
Maximum internal memory *	8 GB	Thermal Monitoring Technologies	✓
Storage		Processor package size	37.5x37.5 (rPGA988B); 31 x 24 (BGA1023)
Total storage capacity *	500 GB	Supported instruction sets	AVX
Storage media *	HDD	Processor code	SR04W
Hard drive interface	SATA	CPU configuration (max)	1
Hard drive size	2.5"	Embedded options available	✗
Optical drive type *	DVD Super Multi	Graphics & IMC lithography	32 nm
Card reader integrated	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Compatible memory cards	Memory Stick (MS), MMC, MS PRO, SD	Intel Identity Protection Technology version	1.00
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	NVIDIA® GeForce® GT 520MX	Intel Dual Display Capable Technology	✓
Discrete graphics memory type	GDDR3	Intel FDI Technology	✓
On-board graphics card *	✓	Intel Rapid Storage Technology	✗
Discrete graphics card *	✓	Intel Fast Memory Access	✓
On-board graphics card family	Intel® HD Graphics	Processor ARK ID	53450
On-board graphics card model *	Intel® HD Graphics 3000	Conflict-Free processor	✗
On-board graphics card base frequency	650 MHz	Integrated 4G WiMAX	✓
On-board graphics card dynamic frequency (max)	1200 MHz		
On-board graphics card ID	0x116		
Audio		Battery	
Speakers manufacturer	Altec Lansing	Battery technology	Lithium-Ion (Li-Ion)
Built-in microphone	✓	Number of battery cells	6
Camera		Battery performance	5200 mAh
Front camera resolution (numeric)	0.3 MP	Battery capacity *	56 Wh
Network		Energy Management	
Wi-Fi	✓	AC adapter power	90 W
Networking topology	Gigabit Ethernet	AC adapter frequency	50 - 60 Hz
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	AC adapter input voltage	100 - 240 V
Ethernet LAN connection	✓	AC adapter output current	4.74 A
Bluetooth	✓	AC adapter output voltage	19 V
Bluetooth version	3.0+HS	DC-in jack	✓
Cabling technology	10/100/1000Base-T(X)		
4G WiMAX	✗		
Ports & interfaces		Security	
USB 2.0 ports quantity *	2	Cable lock slot	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1		
Ethernet LAN (RJ-45) ports quantity	1	Weight & Dimensions	
HDMI ports quantity *	1	Width	378 mm
DVI port	✗	Depth	253 mm
VGA (D-Sub) ports quantity	1	Height	34.9 mm
Headphone outputs	1	Weight *	2.6 kg
S/PDIF out port	✗		
		Packaging Content	
		AC adapter bundled *	✓
		Other features	
		Wireless technology	Wireless LAN

Ports & interfaces		Other features	
Microphone in	✓	Infrared data port	✗
Docking connector	✗	Graphics card family	NVIDIA
ExpressCard slot	✗	Type	PC
CardBus PCMCIA slot type	✗	Power supply type	AC/DC
SmartCard slot	✗	Power requirements	100-240V
		Internal modem	✗
		TV tuner integrated	✗

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