

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

Brand : ASUS

Article code: 90N8LC254W1858RD13AY

Product name : K53SC

ASUS K53SC. Processor family: Intel® Core™ i5, Processor model: i5-2430M, Processor frequency: 2.4 GHz. Display diagonal: 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 color: Brown. Weight: 5.73 lbs (2.6 kg)



Design		Keyboard	
Product color *	Brown	Pointing device	Touchpad
Display		Numeric keypad *	✓
Display diagonal *	15.6"	Windows keys	✓
Display resolution *	1366 x 768 pixels	Keyboard layout	QWERTY
LED backlight	✓	Software	
Native aspect ratio	16:9	Operating system installed *	Windows 7 Home Basic
Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Wireless Display (Intel® WiDi)	✓
Processor family *	Intel® Core™ i5	Intel® My WiFi Technology (Intel® MWT)	✓
Processor generation	2nd gen Intel® Core™ i5	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor model *	i5-2430M	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cores	2	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor threads	4	Intel® Turbo Boost Technology	2.0
Processor boost frequency	3 GHz	Enhanced Intel SpeedStep Technology	✓
Processor frequency *	2.4 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
System bus rate	5 GT/s	Intel Clear Video Technology	✗
Processor cache	3 MB	Intel® InTru™ 3D Technology	✓
Processor cache type	Smart Cache	Intel® Insider™	✓
Processor socket	Socket 988	Intel® Quick Sync Video Technology	✓
Processor lithography	32 nm	Intel Flex Memory Access	✓
Processor operating modes	64-bit	Intel® Smart Cache	✓
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		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel® AES New Instructions (Intel® AES-NI)	✓
PCI Express slots version	2.0	Intel Trusted Execution Technology	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Enhanced Halt State	✓
CPU multiplier (bus/core ratio)	24	Intel VT-x with Extended Page Tables (EPT)	✓
ECC supported by processor	✗	Intel Demand Based Switching	✗
Memory		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Internal memory *	4 GB	Intel 64	✓
Internal memory type	DDR3-SDRAM	Execute Disable Bit	✓
Memory clock speed	1333 MHz	Idle States	✓
Memory slots	2x SO-DIMM	Thermal Monitoring Technologies	✓
Maximum internal memory *	8 GB	Processor package size	37.5x37.5 (rPGA988B); 31 x 24 (BGA1023)
Storage		Supported instruction sets	AVX
Total storage capacity *	500 GB	Processor code	SR04W
Storage media *	HDD	CPU configuration (max)	1
HDD interface	SATA	Embedded options available	✗
HDD size	2.5"	Graphics & IMC lithography	32 nm
Optical drive type *	DVD Super Multi	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Card reader integrated	✓	Intel Identity Protection Technology version	1.00
Compatible memory cards	Memory Stick (MS), MMC, MS PRO, SD	Intel Virtualization Technology (VT-x)	✓
Graphics		Intel Dual Display Capable Technology	✓
Discrete graphics card model *	NVIDIA® GeForce® GT 520MX	Intel FDI Technology	✓
Discrete graphics memory type	GDDR3	Intel Rapid Storage Technology	✗
On-board graphics card *	✓	Intel Fast Memory Access	✓
Discrete graphics card *	✓	Processor ARK ID	53450
On-board graphics card family	Intel® HD Graphics	Conflict-Free processor	✗
On-board graphics card model *	Intel® HD Graphics 3000	Integrated 4G WiMAX	✓
On-board graphics card base frequency	650 MHz	Battery	
On-board graphics card dynamic frequency (max)	1200 MHz	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card ID	0x116	Number of battery cells	6
Audio		Battery capacity	5200 mAh
Speakers manufacturer	Altec Lansing	Battery capacity *	56 Wh
Built-in microphone	✓	Power	
Camera		AC adapter power	90 W
Front camera resolution (numeric)	0.3 MP	AC adapter frequency	50 - 60 Hz
Network		AC adapter input voltage	100 - 240 V
Wi-Fi	✓	AC adapter output current	4.74 A
Networking topology	Gigabit Ethernet	AC adapter output voltage	19 V
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	DC-in jack	✓
Ethernet LAN	✓	Security	
Bluetooth	✓	Cable lock slot	✗
Bluetooth version	3.0+HS	Weight & dimensions	
Cabling technology	10/100/1000Base-T(X)	Width	14.9" (378 mm)
4G WiMAX	✗	Depth	9.96" (253 mm)
Ports & interfaces		Height	1.37" (34.9 mm)
USB 2.0 ports quantity *	2	Weight *	5.73 lbs (2.6 kg)
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Packaging content	
Ethernet LAN (RJ-45) ports	1	AC adapter included *	✓
HDMI ports quantity *	1	Other features	
DVI port	✗		
VGA (D-Sub) ports quantity	1		
Headphone outputs	1		
S/PDIF out port	✗		

Ports & interfaces		Other features	
Microphone in	✓	Wireless technology	Wireless LAN
Docking connector	✗	Infrared data port	✗
ExpressCard slot	✗	Graphics card family	NVIDIA
CardBus PCMCIA slot type	✗	Type	PC
SmartCard slot	✗	Power supply type	AC/DC
TV-out	✗	Power requirements	100-240V
Performance		Internal modem	✗
Motherboard chipset	Intel HM67 Express	TV tuner integrated	✗

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