ASUS

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		
Processor generation	2nd gen Intel® Core™ i5	Intel® My WiFi Technology (Intel® MWT)	✔
Processor model *	i5-2430M		
Processor cores	2	Intel® Anti-Theft Technology (Intel® AT)	✔
Processor threads	4		
Processor boost frequency	3 GHz	Intel® Identity Protection Technology (Intel® IPT)	✔
Processor frequency *	2.4 GHz		
System bus rate	5 GT/s	Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Processor cache	3 MB		
Processor cache type	Smart Cache	Intel® Turbo Boost Technology	2.0
Processor socket	Socket 988	Enhanced Intel SpeedStep Technology	✔
Processor lithography	32 nm		
Processor operating modes	64-bit	Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Processor series	Intel Core i5-2400 Mobile Series		
Processor codename	Sandy Bridge	Intel Clear Video Technology	✗
Bus type	DMI	Intel® InTru™ 3D Technology	✔
FSB Parity	✗	Intel® Insider™	✔
Stepping	J1	Intel® Quick Sync Video Technology	✔
Thermal Design Power (TDP)	35 W	Intel Flex Memory Access	✔
Tjunction	100 °C	Intel® Smart Cache	✔

Processor

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
ECC supported by processor	✘

Memory

Internal memory *	4 GB
Internal memory type	DDR3-SDRAM
Memory clock speed	1333 MHz
Memory slots	2x SO-DIMM
Maximum internal memory *	8 GB

Storage

Total storage capacity *	500 GB
Storage media *	HDD
HDD interface	SATA
HDD size	2.5"
Optical drive type *	DVD Super Multi
Card reader integrated	✔
Compatible memory cards	Memory Stick (MS), MMC, MS PRO, SD

Graphics

Discrete graphics card model *	NVIDIA® GeForce® GT 520MX
Discrete graphics memory type	GDDR3
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

Speakers manufacturer	Altec Lansing
Built-in microphone	✔

Camera

Front camera resolution (numeric)	0.3 MP

Network

Wi-Fi	✔
Networking topology	Gigabit Ethernet
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)
4G WiMAX	✘

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A 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	✘

Processor special features

Intel® AES New Instructions (Intel® AES-NI)	✔
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

Battery technology	Lithium-Ion (Li-Ion)
Number of battery cells	6
Battery capacity	5200 mAh
Battery capacity *	56 Wh

Power

AC adapter power	90 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	4.74 A
AC adapter output voltage	19 V
DC-in jack	✔

Security

Cable lock slot	✘

Weight & dimensions

Width	14.9" (378 mm)
Depth	9.96" (253 mm)
Height	1.37" (34.9 mm)
Weight *	5.73 lbs (2.6 kg)

Packaging content

AC adapter included *	✔

Other features

Ports & interfaces		
Microphone in	✔	
Docking connector	✘	
ExpressCard slot	✘	
CardBus PCMCIA slot type	✘	
SmartCard slot	✘	
TV-out	✘	

Performance	
Motherboard chipset	Intel HM67 Express

Other features	
Wireless technology	Wireless LAN
Infrared data port	✘
Graphics card family	NVIDIA
Type	PC
Power supply type	AC/DC
Power requirements	100-240V
Internal modem	✘
TV tuner integrated	✘

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