

ASUS K43SV Intel® Core™ i7 i7-2630QM 35,6 cm (14") 4 GB DDR3-SDRAM 640 GB HDD Windows 7 Home Premium Brown

Brand : ASUS

Product code: K43SV29I7I64D7PM/3Y

Product name : K43SV

Intel Core i7-2630QM (6M Cache, 2.00 GHz), 14.0" 16:9 HD (1366x768) LED, 4GB DDR3, 640GB SATA HDD, Intel HD Graphics 3000 + NVIDIA GeForce GT 540M 1GB DDR3, Super-Multi DVD, Gigabit Ethernet, WLAN 802.11 b/g/n, Bluetooth V2.1+EDR, 0.3M WebCam, Windows 7 Home Premium
ASUS K43SV. Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-2630QM, Processor frequency: 2 GHz. Display diagonal: 35,6 cm (14"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 640 GB, Storage media: HDD, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 3000. Operating system installed: Windows 7 Home Premium. Product colour: Brown. Weight: 2,44 kg



Design		Ports & interfaces	
Product colour *	Brown	CardBus PCMCIA slot type	×
Form factor *	Clamshell	SmartCard slot	×
Display		Performance	
Display diagonal *	35,6 cm (14")	Motherboard chipset	Intel® HM65 Express
Display resolution *	1366 x 768 pixels	Keyboard	
Touchscreen *	×	Pointing device	Touchpad
LED backlight	✓	Numeric keypad *	×
Native aspect ratio	16:9	Software	
Processor		Operating system installed *	Windows 7 Home Premium
Processor manufacturer *	Intel	Processor special features	
Processor family *	Intel® Core™ i7	Intel® Wireless Display (Intel® WiDi)	✓
Processor generation	2nd gen Intel® Core™ i7	Intel® My WiFi Technology (Intel® MWT)	✓
Processor model *	i7-2630QM	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor cores	4	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor threads	8	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor boost frequency	2,9 GHz	Intel® Turbo Boost Technology	2.0
Processor frequency *	2 GHz	Enhanced Intel SpeedStep Technology	✓
System bus rate	5 GT/s	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cache	6 MB	Intel Clear Video Technology	×
Processor cache type	Smart Cache	Intel® InTru™ 3D Technology	✓
Processor socket	Socket 988	Intel® Insider™	✓
Processor lithography	32 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-2600 Mobile Series		
Processor codename	Sandy Bridge		
Bus type	DMI		
FSB Parity	×		
Stepping	D2		

Processor		Processor special features	
Thermal Design Power (TDP)	45 W	Intel® Quick Sync Video Technology	✓
Tjunction	100 °C	Intel Flex Memory Access	✓
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)	20	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	37.5 x 37.5 (rPGA998)
Storage		Supported instruction sets	AVX
Total storage capacity *	640 GB	Processor code	SR02Y
Storage media *	HDD	Embedded options available	✗
Number of HDDs installed	1	Graphics & IMC lithography	32 nm
HDD capacity	640 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
HDD interface	SATA	Intel Identity Protection Technology version	1,00
HDD speed	5400 RPM	Intel Virtualization Technology (VT-x)	✓
HDD size	2.5"	Intel Dual Display Capable Technology	✓
Optical drive type *	DVD Super Multi	Intel FDI Technology	✓
Card reader integrated	✓	Intel Rapid Storage Technology	✗
Compatible memory cards	Memory Stick (MS), MMC, SD	Intel Fast Memory Access	✓
Graphics		Processor ARK ID	52219
Discrete graphics memory type	GDDR3	Conflict-Free processor	✗
On-board graphics card *	✓	Integrated 4G WiMAX	✓
On-board graphics card family	Intel® HD Graphics	Battery	
On-board graphics card model *	Intel® HD Graphics 3000	Number of battery cells	6
On-board graphics card base frequency	650 MHz	Battery capacity	5200 mAh
On-board graphics card dynamic frequency (max)	1100 MHz	Battery capacity *	56 Wh
On-board graphics card ID	0x116	Power	
Audio		AC adapter power	90 W
Audio system	SonicFocus	AC adapter frequency	50 - 60 Hz
Built-in speaker(s)	✓	AC adapter input voltage	100 - 240 V
Speakers manufacturer	Altec Lansing	AC adapter output current	4,74 A
Built-in microphone	✓	AC adapter output voltage	19 V
Camera		DC-in jack	✓
Front camera resolution (numeric)	0,3 MP	Security	
Network		Cable lock slot	✗
Wi-Fi	✓	Weight & dimensions	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Width	348 mm
Ethernet LAN	✓	Depth	242 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Height (front)	2,95 cm
Bluetooth	✓	Height (rear)	3,48 cm
Bluetooth version	2.1+EDR	Weight *	2,44 kg
Cabling technology	10/100/1000Base-T(X)	Packaging content	
Ports & interfaces		AC adapter included *	✓
USB 2.0 ports quantity *	3		
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		
DVI port	✗		
VGA (D-Sub) ports quantity	1		

Ports & interfaces		Other features	
Headphone outputs	1	LightScribe	×
S/PDIF out port	×	Infrared data port	×
Microphone in	✓	Graphics card family	Intel, NVIDIA
ExpressCard slot	×		

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