

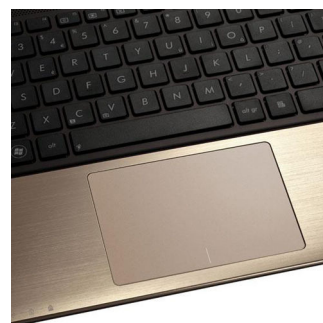
ASUS K55VM-SX091 Intel® Core™ i5 i5-3210M Laptop 39,6 cm (15.6") HD 4 GB DDR3-SDRAM 500 GB HDD NVIDIA® GeForce® GT 630M Brown

Brand : ASUS

Article code: 90N88C315A672400139Y

Product name : K55VM-SX091

ASUS K55VM-SX091. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-3210M, Processor frequency: 2,5 GHz. Display diagonal: 39,6 cm (15.6"), HD type: HD, 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 4000. Product color: Brown



Design		Performance	
Product type *	Laptop	Motherboard chipset	Intel HM76 Express
Product color *	Brown	Keyboard	
Form factor *	Clamshell	Pointing device	Touchpad
Display		Numeric keypad *	✓
Display diagonal *	39,6 cm (15.6")	Windows keys	✓
Display resolution *	1366 x 768 pixels	Software	
Touchscreen *	✗	Operating system installed *	✗
HD type	HD	Processor special features	
LED backlight	✓	Intel® Wireless Display (Intel® WiDi)	✓
Native aspect ratio	16:9	Intel® My WiFi Technology (Intel® MWT)	✓
Processor		Intel® Anti-Theft Technology (Intel® AT)	✓
Processor manufacturer *	Intel	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor family *	Intel® Core™ i5	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor generation	3rd gen Intel® Core™ i5	Intel® Turbo Boost Technology	2.0
Processor model *	i5-3210M	Enhanced Intel SpeedStep Technology	✓
Processor cores	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor threads	4	Intel® InTru™ 3D Technology	✓
Processor boost frequency	3,1 GHz	Intel® Insider™	✓
Processor frequency *	2,5 GHz	Intel® Quick Sync Video Technology	✓
System bus rate	5 GT/s	Intel Flex Memory Access	✓
Processor cache	3 MB	Intel® Smart Cache	✓
Processor cache type	Smart Cache		
Processor socket	BGA 1023		
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i5-3200 Mobile series		
Processor codename	Ivy Bridge		
Bus type	DMI		

Processor		Processor special features	
Stepping	L1	Intel® AES New Instructions (Intel® AES-NI)	✓
Thermal Design Power (TDP)	35 W	Intel Trusted Execution Technology	✗
Tjunction	105 °C	Intel Enhanced Halt State	✓
Maximum number of PCI Express lanes	16	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	3.0	Intel Demand Based Switching	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® Secure Key	✓
CPU multiplier (bus/core ratio)	25	Intel 64	✓
ECC supported by processor	✗	Execute Disable Bit	✓
Memory		Idle States	✓
Internal memory *	4 GB	Thermal Monitoring Technologies	✓
Internal memory type	DDR3-SDRAM	Processor package size	31.0 x 24.0 (BGA1023)
Memory clock speed	1600 MHz	Supported instruction sets	AVX
Maximum internal memory *	8 GB	Processor code	SR0N0
Storage		CPU configuration (max)	1
Total storage capacity *	500 GB	Embedded options available	✗
Storage media *	HDD	Graphics & IMC lithography	22 nm
Number of HDDs installed	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD capacity	500 GB	Intel Identity Protection Technology version	1,00
Optical drive type *	DVD Super Multi	Intel Secure Key Technology version	1,00
Card reader integrated	✓	Intel Virtualization Technology (VT-x)	✓
Compatible memory cards	MMC, SD	Intel Dual Display Capable Technology	✓
Graphics		Intel FDI Technology	✓
Discrete graphics card model *	NVIDIA® GeForce® GT 630M	Intel Fast Memory Access	✓
Discrete graphics card memory	2 GB	Processor ARK ID	65708
Discrete graphics memory type	GDDR3	Conflict-Free processor	✓
On-board graphics card *	✓	Integrated 4G WiMAX	✓
Discrete graphics card *	✓	Battery	
On-board graphics card model *	Intel® HD Graphics 4000	Number of battery cells	6
On-board graphics card base frequency	650 MHz	Battery capacity	4700 mAh
On-board graphics card dynamic frequency (max)	1100 MHz	Battery capacity *	50 Wh
On-board graphics card ID	0x166	Power	
Audio		AC adapter power	65 W
Speakers manufacturer	Altec Lansing	AC adapter frequency	50 - 60 Hz
Built-in microphone	✓	AC adapter input voltage	100 - 240 V
Camera		AC adapter output current	4,74 A
Front camera	✓	AC adapter output voltage	19 V
Front camera resolution (numeric)	0,3 MP	DC-in jack	✓
Network		Security	
Wi-Fi	✓	Cable lock slot	✓
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Cable lock slot type	Kensington
Ethernet LAN	✓	Password protection	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Password protection type	BIOS, HDD, User
Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	1	Width	251 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Depth	378 mm
Ethernet LAN (RJ-45) ports	1	Height (front)	2,55 cm
HDMI ports quantity *	1	Height (rear)	3,19 cm
DVI port	✗	Weight *	2,52 kg
VGA (D-Sub) ports quantity	1	Logistics data	
Headphone outputs	1	Harmonized System (HS) code	84713000
Microphone in	✓		
Docking connector	✗		

Catalog Object Cloud



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