

ASUS K55VJ-SX031D laptop Intel® Core™ i5 i5-3210M 39,6 cm (15.6") 4 GB DDR3-SDRAM 750 GB HDD NVIDIA® GeForce® GT 635M FreeDOS Brown



Brand : ASUS

Product code: K55VJ-SX031D

Product name : K55VJ-SX031D

Intel Core i5-3210M (2.50 GHz), 4096MB DDR3, 750GB 2.5" SATA HDD, Super Multi DVD, 2GB NVIDIA GeForce GT 635M, 15.6" TFT LED, 1366 x 768, 2x USB 2.0, 1x USB 3.0, 1x HDMI, Gigabit Ethernet, 802.11 b/g/n, Bluetooth 3.0, DOS, 2.52kg, Brown
ASUS K55VJ-SX031D. Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-3210M, Processor frequency: 2,5 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: 750 GB, Storage media: HDD, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 4000, Discrete graphics card model: NVIDIA® GeForce® GT 635M. Operating system installed: FreeDOS. Product colour: Brown

Design		Keyboard	
Product colour *	Brown	Pointing device	Touchpad
Form factor *	Clamshell	Numeric keypad *	✓
Display		Software	
Display diagonal *	39,6 cm (15.6")	Operating system installed *	FreeDOS
Display resolution *	1366 x 768 pixels	Processor special features	
Touchscreen *	✗	Intel® Wireless Display (Intel® WiDi)	✓
LED backlight	✓	Intel® My WiFi Technology (Intel® MWT)	✓
Native aspect ratio	16:9	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor		Intel® Identity Protection Technology (Intel® IPT)	✓
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Core™ i5	Intel® Turbo Boost Technology	2.0
Processor generation	3rd gen Intel® Core™ i5	Intel® Small Business Advantage (Intel® SBA)	✗
Processor model *	i5-3210M	Enhanced Intel SpeedStep Technology	✓
Processor cores	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor threads	4	Intel Clear Video Technology	✗
Processor boost frequency	3,1 GHz	Intel® InTru™ 3D Technology	✓
Processor frequency *	2,5 GHz	Intel® Insider™	✓
System bus rate	5 GT/s	Intel® Quick Sync Video Technology	✓
Processor cache	3 MB	Intel Flex Memory Access	✓
Processor cache type	Smart Cache	Intel® 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		
FSB Parity	✗		
Stepping	L1		

Processor		Processor special features	
Thermal Design Power (TDP)	35 W	Intel® AES New Instructions (Intel® AES-NI)	✓
Tjunction	105 °C	Intel Trusted Execution Technology	✗
Maximum number of PCI Express lanes	16	Intel Enhanced Halt State	✓
PCI Express slots version	3.0	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel Demand Based Switching	✗
CPU multiplier (bus/core ratio)	25	Intel® Secure Key	✓
ECC supported by processor	✗	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory		Intel 64	✓
Internal memory *	4 GB	Execute Disable Bit	✓
Internal memory type	DDR3-SDRAM	Idle States	✓
Memory clock speed	1600 MHz	Thermal Monitoring Technologies	✓
Memory slots	2x SO-DIMM	Processor package size	31.0 x 24.0 (BGA1023)
Maximum internal memory *	8 GB	Supported instruction sets	AVX
Storage		Processor code	SR0N0
Total storage capacity *	750 GB	CPU configuration (max)	1
Storage media *	HDD	Embedded options available	✗
Number of hard drives installed	1	Graphics & IMC lithography	22 nm
Hard drive capacity	750 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Hard drive interface	SATA	Intel Identity Protection Technology version	1,00
Hard drive size	2.5"	Intel Secure Key Technology version	1,00
Optical drive type *	DVD Super Multi	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Intel Dual Display Capable Technology	✓
Compatible memory cards	MMC, SD	Intel FDI Technology	✓
Graphics		Intel Rapid Storage Technology	✗
Discrete graphics card model *	NVIDIA® GeForce® GT 635M	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 family	Intel® HD Graphics	Number of battery cells	6
On-board graphics card model *	Intel® HD Graphics 4000	Battery capacity	4700 mAh
On-board graphics card base frequency	650 MHz	Battery capacity *	50 Wh
On-board graphics card dynamic frequency (max)	1100 MHz	Power	
On-board graphics card ID	0x166	AC adapter power	90 W
Number of discrete graphics cards	1	AC adapter frequency	50 - 60 Hz
Audio		AC adapter input voltage	100 - 240 V
Audio system	SonicMaster	AC adapter output current	4,74 A
Built-in speaker(s)	✓	AC adapter output voltage	19 V
Speakers manufacturer	Altec Lansing	DC-in jack	✓
Built-in microphone	✓	Security	
Network		Cable lock slot	✓
Wi-Fi	✓	Cable lock slot type	Kensington
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Password protection type	BIOS, HDD, User
Ethernet LAN	✓	Weight & dimensions	
Ethernet LAN data rates	10,100,1000 Mbit/s	Width	251 mm
Bluetooth	✓	Depth	378 mm
Bluetooth version	3.0+HS	Height (front)	2,55 cm
Cabling technology	10/100/1000Base-T(X)	Height (rear)	3,19 cm
Networking standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u	Weight *	2,52 kg
Ports & interfaces			
USB 2.0 ports quantity *	2		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1		

Ports & interfaces		Packaging content	
Ethernet LAN (RJ-45) ports	1	AC adapter included *	✓
HDMI ports quantity *	1	Cables included	AC
DVI port	✗	Manual	✓
VGA (D-Sub) ports quantity	1	Other features	
Headphone outputs	1	Disc types supported	CD-R, CD-RW, DVD+R, DVD+RW, DVD-R, DVD-RW
S/PDIF out port	✗	Infrared data port	✗
Microphone in	✓	Graphics card family	Intel, NVIDIA
ExpressCard slot	✗	Display	LCD
CardBus PCMCIA slot type	✗	Power supply type	AC/DC
SmartCard slot	✗	Ethernet interface type	Gigabit Ethernet
Performance		Indication light	✓
Motherboard chipset	Intel HM76 Express		

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