

ASUS VJ-SX004H Intel® Core™ i7 i7-3630QM Laptop 39.6 cm (15.6") 8 GB DDR3-SDRAM 750 GB HDD NVIDIA® GeForce® GT 635M Windows 8 Brown



Brand : ASUS

Product code: A55VJ-SX004H

Product name : VJ-SX004H

Intel Core i7-3630QM (2.40 GHz), 8192MB DDR3, 750GB 2.5" SATA HDD, DVD Super Multi DL, 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, Windows 8, 2.52kg, Brown

ASUS VJ-SX004H. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor: i7-3630QM, Processor frequency: 2.4 GHz. Display diagonal: 39.6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 750 GB, Storage media: HDD, Optical drive: DVD Super Multi DL. On-board graphics card model: Intel® HD Graphics 4000. Operating system installed: Windows 8. Product colour: Brown

Design		Ports & interfaces	
Product type *	Laptop	Headphone connectivity	3.5 mm
Product colour *	Brown	Microphone connectivity	3.5 mm
Form factor *	Clamshell	Performance	
Display		Chipset	Intel HM76 Express
Display diagonal *	39.6 cm (15.6")	Keyboard	
Display resolution *	1366 x 768 pixels	Pointing device	Touchpad
Touchscreen *	✗	Numeric keypad *	✓
LED backlight	✓	Windows keys	✓
Native aspect ratio	16:9	Software	
Processor		Operating system architecture	64-bit
Processor manufacturer *	Intel	Operating system installed *	Windows 8
Processor family *	Intel® Core™ i7	Processor special features	
Processor generation	3rd gen Intel® Core™ i7	Intel Wireless Display (WiDi) Technology	✓
Processor *	i7-3630QM	Intel My WiFi Technology	✓
Processor number of cores	4	Intel Anti-Theft Technology	✓
Processor threads	8	Intel Identity Protection Technology	✓
Processor boost frequency	3.4 GHz	Intel Hyper-Threading Technology	✓
Processor frequency *	2.4 GHz	Intel Turbo Boost Technology	2.0
System bus data transfer rate	5 GT/s	Enhanced Intel SpeedStep Technology	✓
Processor cache	6 MB	Intel Clear Video HD Technology	✓
Processor cache type	Smart Cache	Intel Clear Video Technology	✗
Processor socket	PGA988	Intel® InTru™ 3D Technology	✓
Processor lithography	22 nm	Intel® Insider™	✓
Processor operating modes	64-bit	Intel® Quick Sync Video Technology	✓
Processor series	Intel Core i7-3600 Mobile series		
Processor codename	Ivy Bridge		
Bus type	DMI		
FSB Parity	✗		

Processor		Processor special features	
Stepping	E1	Intel Flex Memory Access	✓
Thermal Design Power (TDP)	45 W	Intel® Smart Cache	✓
Tjunction	105 °C	Intel AES New Instructions	✓
Maximum number of PCI Express lanes	16	Intel Trusted Execution Technology	✗
PCI Express slots version	3.0	Intel Enhanced Halt State	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel VT-x with Extended Page Tables (EPT)	✓
Compatible processor series	Intel® Core™ i7	Intel Demand Based Switching	✗
Number of processors supported	1	Intel® Secure Key	✓
CPU multiplier (bus/core ratio)	24	Intel Clear Video Technology for MID	✗
ECC supported by processor	✗	Intel 64	✓
Memory		Execute Disable Bit	✓
Internal memory *	8 GB	Idle States	✓
Internal memory type	DDR3-SDRAM	Thermal Monitoring Technologies	✓
Memory clock speed	1600 MHz	Processor package size	37.5 x 37.5 (rPGA988B)
Memory layout (slots x size)	2 x 4 GB	Supported instruction sets	AVX
Memory slots	2x SO-DIMM	Processor code	SR0UX
Memory, maximum *	8 GB	CPU configuration (max)	1
Storage		Embedded options available	✗
Total storage capacity *	750 GB	Graphics & IMC lithography	22 nm
Storage media *	HDD	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Number of HDDs installed	1	Intel Identity Protection Technology version	1.00
Hard drive capacity	750 GB	Intel Secure Key Technology version	1.00
Hard drive interface	SATA	Intel Virtualization Technology (VT-x)	✓
Hard drive size	2.5"	Intel Dual Display Capable Technology	✓
Optical drive *	DVD Super Multi DL	Intel FDI Technology	✓
Card reader integrated	✓	Intel Rapid Storage Technology	✗
Compatible memory cards	MMC, SD	Intel Fast Memory Access	✓
Graphics		Processor ARK ID	71459
Discrete graphics card model *	NVIDIA® GeForce® GT 635M	Conflict-Free processor	✓
Discrete graphics card memory	2 GB	Integrated 4G WiMAX	✓
Discrete graphics memory type	GDDR3	Battery	
On-board graphics card *	✓	Battery technology	Lithium-Ion (Li-Ion)
Discrete graphics card *	✓	Number of battery cells	6
On-board graphics card family	Intel® HD Graphics	Battery capacity	4700 mAh
On-board graphics card model *	Intel® HD Graphics 4000	Battery capacity *	50 Wh
On-board graphics card base frequency	650 MHz	Power	
On-board graphics card dynamic frequency (max)	1150 MHz	AC adapter power	120 W
On-board graphics card ID	0x166	AC adapter frequency	50 - 60 Hz
Number of discrete graphics cards	1	AC adapter input voltage	100 - 240 V
Audio		AC adapter output current	4.74 A
Built-in speaker(s)	✓	AC adapter output voltage	19 V
Number of built-in speakers	2	DC-in jack	✓
Speakers manufacturer	Altec Lansing	Security	
Built-in microphone	✓	Cable lock slot	✓
Network		Cable lock slot type	Kensington
Wi-Fi	✓	Password protection type	BIOS, HDD, User
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Weight & dimensions	
Ethernet LAN connection	✓	Width	251 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth	378 mm
Bluetooth	✓	Height (front)	2.55 cm
Bluetooth version	3.0+HS	Height (rear)	3.19 cm
Cabling technology	10/100/1000Base-T(X)	Weight *	2.52 kg
Networking standards	IEEE 802.11b, IEEE 802.11g, IEEE 802.11n, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u		

Ports & interfaces		Packaging content	
USB 2.0 ports quantity *	2	AC adapter included *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Cables included	AC
Ethernet LAN (RJ-45) ports	1	Manual	✓
HDMI ports quantity *	1	Other features	
DVI port	✗	Disc types supported	CD-R, CD-RW, DVD+R, DVD+R DL, DVD+RW, DVD-R, DVD-R DL, DVD-RW
VGA (D-Sub) ports quantity	1	Infrared data port	✗
Headphone outputs	1	Graphics card family	Intel, NVIDIA
S/PDIF out port	✗	Display	TFT
Microphone in	✓	Power supply type	AC/DC
ExpressCard slot	✗	Ethernet interface type	Fast Ethernet, Gigabit Ethernet
CardBus PCMCIA slot type	✗	Indication light	✓
SmartCard slot	✗		

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.