

**ASUS Vivobook S451LN-CA009H laptop Intel® Core™ i5 i5-4200U
35.6 cm (14") Touch screen HD 4 GB DDR3L-SDRAM 500 GB HDD
NVIDIA® GeForce® 840M Windows 8.1 Grey, Stainless steel**



Brand : ASUS

Product family: Vivobook

Product code: S451LN-CA009H

Product name : S451LN-CA009H

Intel Core i5-4200U (1.6GHz, 3MB Cache), 4GB RAM, 500GB HDD, Intel HD Graphics 4400, NVIDIA GeForce GT 840M, WLAN 802.11 b/g/n, Gigabit Ethernet, HD Camera, Windows 8.1
ASUS Vivobook S451LN-CA009H. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor: i5-4200U, Processor frequency: 1.6 GHz. Display diagonal: 35.6 cm (14"), HD type: HD, Display resolution: 1366 x 768 pixels, Touch screen. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. Operating system installed: Windows 8.1. Product colour: Grey, Stainless steel

Design		Ports & interfaces	
Product type *	Laptop	Total number of SATA connectors	4
Product colour *	Grey, Stainless steel	Number of SATA III connectors	4
Form factor *	Clamshell	Keyboard	
Display		Pointing device	Touchpad
Touch screen type	Capacitive	Numeric keypad *	✗
Display diagonal *	35.6 cm (14")	Windows keys	✓
Display resolution *	1366 x 768 pixels	Software	
Touch screen *	✓	Operating system installed *	Windows 8.1
HD type	HD	Processor special features	
Touch technology	Multi-touch	Intel Wireless Display (WiDi) Technology	✓
LED backlight	✓	Intel My WiFi Technology	✓
Native aspect ratio	16:9	Intel Smart Connect Technology	✓
Display surface	Gloss	Intel Anti-Theft Technology	✓
Processor		Intel Identity Protection Technology	✓
Processor manufacturer *	Intel	Intel Hyper-Threading Technology	✓
Processor family *	Intel® Core™ i5	Intel Turbo Boost Technology	2.0
Processor generation	4th gen Intel® Core™ i5	Intel Matrix Storage Technology	✗
Processor *	i5-4200U	Intel HD Audio Technology	✓
Processor number of cores	2	Enhanced Intel SpeedStep Technology	✓
Processor threads	4	Intel Clear Video HD Technology	✓
Processor boost frequency	2.6 GHz	Intel® InTru™ 3D Technology	✓
Processor frequency *	1.6 GHz	Intel® Insider™	✓
Processor cache	3 MB	Intel® Quick Sync Video Technology	✓
Processor cache type	Smart Cache	Intel AES New Instructions	✓
Processor socket	BGA 1168	Intel Trusted Execution Technology	✗
Processor lithography	22 nm	Intel Enhanced Halt State	✓
Processor operating modes	64-bit	Intel VT-x with Extended Page Tables (EPT)	✓
Processor series	Intel Core i5-4200 Mobile series	Intel® Secure Key	✓
Processor codename	Haswell		
Bus type	DMI2		
Stepping	C0		
Thermal Design Power (TDP)	15 W		
Tjunction	100 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	12	Intel TSX-NI	✗
PCI Express slots version	2.0	Intel 64	✓
PCI Express configurations	1x4, 2x4	Execute Disable Bit	✓
ECC supported by processor	✗	Idle States	✓
Memory		Thermal Monitoring Technologies	✓
Internal memory *	4 GB	Processor package size	40 x 24 x 1.5 mm
Internal memory type	DDR3L-SDRAM	Supported instruction sets	AVX 2.0
Memory form factor	On-board + SO-DIMM	Processor code	SR170
Memory slots	1x SO-DIMM	CPU configuration (max)	1
Maximum internal memory *	12 GB	Embedded options available	✗
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	✗
Total storage capacity *	500 GB	Intel Smart Connect Technology version	1.00
Storage media *	HDD	Intel Identity Protection Technology version	1.00
Optical drive type *	DVD Super Multi	Intel Secure Key Technology version	1.00
Card reader integrated	✓	Intel ME Firmware Version	9.5
Compatible memory cards	SD, MMC	Intel TSX-NI version	0.00
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	NVIDIA® GeForce® 840M	Intel FDI Technology	✗
Discrete graphics card memory	2 GB	Intel Rapid Storage Technology	✓
Discrete graphics memory type	GDDR3	Processor ARK ID	75459
On-board graphics card *	✓	Conflict-Free processor	✓
Discrete graphics card *	✓	Battery	
On-board graphics card model *	Intel® HD Graphics 4400	Battery technology	Lithium Polymer (LiPo)
On-board graphics card base frequency	200 MHz	Number of battery cells	2
On-board graphics card dynamic frequency (max)	1000 MHz	Battery capacity *	38 Wh
Maximum on-board graphics card memory	1.74 GB	Energy Management	
On-board graphics card ID	0xA16	AC adapter power	65 W
Audio		AC adapter frequency	50 - 60 Hz
Built-in microphone	✓	AC adapter input voltage	100 - 240 V
Camera		AC adapter output current	3.42 A
Front camera	✓	AC adapter output voltage	19 V
Network		DC-in jack	✓
Wi-Fi	✓	Security	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Cable lock slot	✓
Ethernet LAN connection	✓	Cable lock slot type	Kensington
Ethernet LAN data rates	10,1000,100 Mbit/s	Password protection	✓
Bluetooth	✓	Password protection type	HDD, User
Bluetooth version	4.0	Weight & Dimensions	
Ports & interfaces		Width	348 mm
USB 2.0 ports quantity *	1	Depth	241.8 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Height	24.8 mm
Ethernet LAN (RJ-45) ports quantity	1	Weight *	2.2 kg
HDMI ports quantity *	1		
Combo headphone/mic port	✓		
Docking connector	✗		

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.