

## ASUS X552CL-SX082H Intel® Core™ i7 i7-3537U Laptop 39.6 cm (15.6") HD 8 GB DDR3L-SDRAM 1 TB HDD NVIDIA® GeForce® GT 710M FreeDOS Black

**Brand :** ASUS

**Product code:** 90NB03WB-M01350

**Product name :** X552CL-SX082H

Intel Core i7-3537U (2GHz, 4M Cache), 8GB RAM, 1000GB HDD, Intel HD Graphics 4000 + NVIDIA GeForce GT 710M, DVD, Ethernet, Windows 8  
ASUS X552CL-SX082H. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-3537U, Processor frequency: 2 GHz. Display diagonal: 39.6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: FreeDOS. Product colour: Black



Design		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product colour *	Black	Numeric keypad *	✓
Form factor *	Clamshell	Windows keys	✓
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)	✓
HD type	HD	Intel® My WiFi Technology (Intel® MWT)	✓
LED backlight	✓	Intel® Anti-Theft Technology (Intel® AT)	✓
Native aspect ratio	16:9	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor		Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor manufacturer *	Intel	Intel® Turbo Boost Technology	2.0
Processor family *	Intel® Core™ i7	Enhanced Intel SpeedStep Technology	✓
Processor generation	3rd gen Intel® Core™ i7	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor model *	i7-3537U	Intel® InTru™ 3D Technology	✓
Processor cores	2	Intel® Insider™	✓
Processor threads	4	Intel® Quick Sync Video Technology	✓
Processor boost frequency	3.1 GHz	Intel Flex Memory Access	✓
Processor frequency *	2 GHz	Intel® Smart Cache	✓
System bus rate	5 GT/s	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache	4 MB	Intel Trusted Execution Technology	✗
Processor cache type	Smart Cache	Intel Enhanced Halt State	✓
Processor socket	BGA 1023	Intel VT-x with Extended Page Tables (EPT)	✓
Processor lithography	22 nm	Intel Demand Based Switching	✗
Processor operating modes	64-bit	Intel® Secure Key	✓
Processor series	Intel Core i7-3500 Mobile series		
Processor codename	Ivy Bridge		
Bus type	DMI		
Stepping	L1		
Thermal Design Power (TDP)	17 W		
Tjunction	105 °C		
Maximum number of PCI Express lanes	16		

Processor		Processor special features	
PCI Express slots version	2.0	Intel 64	✓
PCI Express configurations	1x8, 1x16, 2x4, 2x8	Execute Disable Bit	✓
CPU multiplier (bus/core ratio)	20	Idle States	✓
ECC supported by processor	✗	Thermal Monitoring Technologies	✓
Memory		Processor package size	31 x 24 (BGA1023)
Internal memory *	8 GB	Supported instruction sets	AVX
Internal memory type	DDR3L-SDRAM	Processor code	SR0XG
Memory clock speed	1600 MHz	CPU configuration (max)	1
Storage		Embedded options available	✗
Total storage capacity *	1 TB	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
HDD capacity	1 TB	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	SD, SDHC, SDXC	Intel FDI Technology	✓
Graphics		Intel Fast Memory Access	✓
Discrete graphics card model *	NVIDIA® GeForce® GT 710M	Processor ARK ID	72054
On-board graphics card *	✓	Conflict-Free processor	✓
Discrete graphics card *	✓	Integrated 4G WiMAX	✓
On-board graphics card family	Intel® HD Graphics	Battery	
On-board graphics card model *	Intel® HD Graphics 4000	Number of battery cells	4
On-board graphics card base frequency	350 MHz	Battery capacity	2600 mAh
On-board graphics card dynamic frequency (max)	1200 MHz	Battery capacity *	37 Wh
On-board graphics card ID	0x166	Power	
Audio		AC adapter power	65 W
Built-in microphone	✓	AC adapter frequency	50 - 60 Hz
Camera		AC adapter input voltage	100 - 240 V
Front camera	✓	AC adapter output current	3.42 A
Network		AC adapter output voltage	19 V
Wi-Fi	✓	DC-in jack	✓
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Security	
Ethernet LAN	✓	Cable lock slot	✓
Ethernet LAN data rates	10,100,1000 Mbit/s	Cable lock slot type	Kensington
Bluetooth	✓	Weight & dimensions	
Bluetooth version	4.0	Width	380 mm
Ports & interfaces		Depth	215 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Height (front)	2.48 cm
Ethernet LAN (RJ-45) ports	1	Height (rear)	3.36 cm
HDMI ports quantity *	1	Weight *	2.45 kg
DVI port	✗		
VGA (D-Sub) ports quantity	1		
Microphone in	✗		
Combo headphone/mic port	✓		
Docking connector	✗		

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