

ASUS X550LD-XX082D laptop Intel® Core™ i7 i7-4500U 39.6 cm (15.6") HD 8 GB DDR3L-SDRAM 1 TB HDD NVIDIA® GeForce® GT 820M 802.11g FreeDOS Gray, Stainless steel



Brand : ASUS

Product code: X550LD-XX082D

Product name : X550LD-XX082D

Intel Core i7-4500U (1.8GHz, 4MB Cache), 15.6" 16:9, 8GB DDR3L 1600MHz, 1000GB HDD, Intel HD Graphics 4400 + NVIDIA GeForce GT 820M 2GB, WLAN 802.11 b/g, Gigabit Ethernet, BT 4.0, DOS ASUS X550LD-XX082D. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-4500U, Processor frequency: 1.8 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 color: Gray, Stainless steel

Design		Ports & interfaces	
Product type *	Laptop	Number of SATA III connectors	4
Product color *	Gray, Stainless steel	Keyboard	
Form factor *	Clamshell	Pointing device	Touchpad
Display		Numeric keypad *	✓
Display diagonal *	39.6 cm (15.6")	Full-size keyboard	✓
Display resolution *	1366 x 768 pixels	Windows keys	✓
Touchscreen *	✗	Software	
HD type	HD	Operating system installed *	FreeDOS
Native aspect ratio	16:9	Processor special features	
Processor		Intel® Wireless Display (Intel® WiDi)	✓
Processor manufacturer *	Intel	Intel® My WiFi Technology (Intel® MWT)	✓
Processor family *	Intel® Core™ i7	Intel Smart Connect Technology	✓
Processor generation	4th gen Intel® Core™ i7	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor model *	i7-4500U	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cores	2	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor threads	4	Intel® Turbo Boost Technology	2.0
Processor boost frequency	3 GHz	Intel® Matrix Storage Technology (Intel® MST)	✓
Processor frequency *	1.8 GHz	Intel® High Definition Audio (Intel® HD Audio)	✓
Processor cache	4 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	Smart Cache	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor socket	BGA 1168		
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-4500 Mobile series		
Processor codename	Haswell		
Bus type	DMI2		
FSB Parity	✗		
Stepping	C0		

Processor		Processor special features	
Thermal Design Power (TDP)	15 W	Intel Clear Video Technology	✗
Tjunction	100 °C	Intel® InTru™ 3D Technology	✓
Maximum number of PCI Express lanes	12	Intel® Insider™	✓
PCI Express slots version	2.0	Intel® Quick Sync Video Technology	✓
PCI Express configurations	2x4	Intel Flex Memory Access	✗
ECC supported by processor	✗	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory		Intel Trusted Execution Technology	✗
Internal memory *	8 GB	Intel Enhanced Halt State	✓
Internal memory type	DDR3L-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory clock speed	1600 MHz	Intel Demand Based Switching	✗
Memory slots	1x SO-DIMM	Intel® Secure Key	✓
Storage		Intel TSX-NI	✗
Total storage capacity *	1 TB	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Storage media *	HDD	Intel 64	✓
Number of HDDs installed	1	Execute Disable Bit	✓
HDD capacity	1 TB	Idle States	✓
HDD speed	5400 RPM	Thermal Monitoring Technologies	✓
Optical drive type *	DVD Super Multi	Processor package size	40 x 24 x 1.5 mm
Card reader integrated	✓	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Compatible memory cards	SD, SDHC, SDXC	Processor code	SR16Z
Graphics		CPU configuration (max)	1
Discrete graphics card model *	NVIDIA® GeForce® GT 820M	Embedded options available	✗
Discrete graphics card memory	2 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Discrete graphics memory type	GDDR3	Intel Smart Connect Technology version	1.00
On-board graphics card *	✓	Intel Identity Protection Technology version	1.00
Discrete graphics card *	✓	Intel Secure Key Technology version	1.00
On-board graphics card family	Intel® HD Graphics	Intel ME Firmware Version	9.5
On-board graphics card model *	Intel® HD Graphics 4400	Intel TSX-NI version	0.00
On-board graphics card base frequency	200 MHz	Intel Virtualization Technology (VT-x)	✓
On-board graphics card dynamic frequency (max)	1100 MHz	Intel Dual Display Capable Technology	✗
Maximum on-board graphics card memory	1.74 GB	Intel FDI Technology	✓
On-board graphics card DirectX version	12	Intel Rapid Storage Technology	✓
On-board graphics card ID	0xA16	Intel Fast Memory Access	✗
Audio		Processor ARK ID	75460
Audio system	SonicMaster	Conflict-Free processor	✓
Built-in microphone	✓	Battery	
Camera		Number of battery cells	4
Front camera	✓	Battery capacity *	37 Wh
Network		Power	
Wi-Fi	✓	AC adapter power	65 W
Top Wi-Fi standard *	802.11g	AC adapter frequency	50 - 60 Hz
Wi-Fi standards	802.11b, 802.11g	AC adapter input voltage	100 - 240 V
Ethernet LAN	✓	AC adapter output current	3.42 A
Ethernet LAN data rates	10,100,1000 Mbit/s	AC adapter output voltage	19 V
Bluetooth	✓	DC-in jack	✓
Bluetooth version	4.0	Security	
Ports & interfaces		Cable lock slot	✓
USB 2.0 ports quantity *	1	Cable lock slot type	Kensington
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Password protection type	BIOS, User
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		

Ports & interfaces		Weight & dimensions	
DVI port	×	Width	380 mm
VGA (D-Sub) ports quantity	1	Depth	251 mm
S/PDIF out port	×	Height (front)	2.48 cm
Microphone in	×	Height (rear)	3.17 cm
Combo headphone/mic port	✓	Weight *	2.3 kg
Docking connector	×	Other features	
ExpressCard slot	×	3D	×
CardBus PCMCIA slot type	×		
SmartCard slot	×		
Total number of SATA connectors	4		

Catalog Object Cloud



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