

ASUS X450LA-WX030 laptop Intel® Core™ i3 i3-4010U 14" HD 4 GB DDR3L-SDRAM 500 GB HDD FreeDOS Gray, Silver

Brand : ASUS

Article code: X450LA-WX030

Product name : X450LA-WX030

Intel Core i3-4010U (3MB Cache, 1.7GHz), 4GB DDR3, 500GB HDD, 14.0" 16:9 HD 1366 x 768, Intel HD Graphics 4400, Gigabit Ethernet, HD Web Camera, Super-Multi DVD, DOS

ASUS X450LA-WX030. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor model: i3-4010U, Processor frequency: 1.7 GHz. Display diagonal: 14", HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: FreeDOS. Product color: Gray, Silver



Design		Software	
Product type *	Laptop	Operating system installed *	FreeDOS
Product color *	Gray, Silver	Processor special features	
Form factor *	Clamshell		
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	14"	Intel® My WiFi Technology (Intel® MWT)	✓
Display resolution *	1366 x 768 pixels	Intel Smart Connect Technology	✓
Touchscreen *	✗	Intel® Anti-Theft Technology (Intel® AT)	✓
HD type	HD	Intel® Smart Response Technology	✓
LED backlight	✓	Intel® Identity Protection Technology (Intel® IPT)	✓
Native aspect ratio	16:9	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor		Intel® Turbo Boost Technology	✗
Processor manufacturer *	Intel	Intel® Small Business Advantage (Intel® SBA)	✓
Processor family *	Intel® Core™ i3	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor generation	4th gen Intel® Core™ i3	Intel® High Definition Audio (Intel® HD Audio)	✓
Processor model *	i3-4010U	Enhanced Intel SpeedStep Technology	✓
Processor cores	2	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor threads	4	Intel Clear Video Technology	✗
Processor frequency *	1.7 GHz	Intel® InTru™ 3D Technology	✓
System bus rate	5 GT/s	Intel® Insider™	✓
Processor cache	3 MB	Intel® Quick Sync Video Technology	✓
Processor cache type	Smart Cache	Intel Flex Memory Access	✗
Processor socket	BGA 1168		
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel® Core™ i3-4000 Mobile Series		
Processor codename	Haswell		
Bus type	DMI2		
FSB Parity	✗		

Processor		Processor special features	
Stepping	C0	Intel® AES New Instructions (Intel® AES-NI)	✓
Thermal Design Power (TDP)	15 W	Intel Trusted Execution Technology	✗
Tjunction	100 °C	Intel Enhanced Halt State	✓
Maximum number of PCI Express lanes	12	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	2.0	Intel Demand Based Switching	✗
PCI Express configurations	2x4, 4x1	Intel® Secure Key	✓
ECC supported by processor	✗	Intel TSX-NI	✗
Memory		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Internal memory *	4 GB	Intel 64	✓
Internal memory type	DDR3L-SDRAM	Execute Disable Bit	✓
Memory clock speed	1600 MHz	Idle States	✓
Memory form factor	On-board + SO-DIMM	Thermal Monitoring Technologies	✓
Memory slots	1x SO-DIMM	Processor package size	40 x 24 x 1.5 mm
Maximum internal memory *	8 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Storage		Processor code	SSSR16Q
Total storage capacity *	500 GB	CPU configuration (max)	1
Storage media *	HDD	Embedded options available	✓
Number of HDDs installed	1	UART	✓
HDD capacity	500 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
HDD speed	5400 RPM	Intel Smart Connect Technology version	1.00
Optical drive type *	DVD Super Multi	Intel Identity Protection Technology version	1.00
Card reader integrated	✓	Intel Smart Response Technology version	1.00
Compatible memory cards	SD, SDHC, SDXC	Intel Secure Key Technology version	1.00
Graphics		Intel Small Business Advantage (SBA) version	1.00
On-board graphics card *	✓	Intel ME Firmware Version	9.5
On-board graphics card family	Intel® HD Graphics	Intel TSX-NI version	0.00
On-board graphics card model *	Intel® HD Graphics 4400	Intel Virtualization Technology (VT-x)	✓
On-board graphics card base frequency	200 MHz	Intel Dual Display Capable Technology	✗
On-board graphics card dynamic frequency (max)	1000 MHz	Intel FDI Technology	✗
Maximum on-board graphics card memory	2 GB	Intel Rapid Storage Technology	✓
On-board graphics card DirectX version	11.2/12	Intel Fast Memory Access	✗
On-board graphics card OpenGL version	4.3	Processor ARK ID	75107
On-board graphics card ID	0xA16	Conflict-Free processor	✓
Audio		Battery	
Audio system	SonicMaster	Number of battery cells	4
Built-in microphone	✓	Battery capacity	2600 mAh
Camera		Battery capacity *	37 Wh
Front camera	✓	Power	
Network		AC adapter power	65 W
Wi-Fi	✓	AC adapter frequency	50 - 60 Hz
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	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	✓
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		

Ports & interfaces		Security	
DVI port	✗	Password protection type	BIOS, HDD, User
VGA (D-Sub) ports quantity	1	Weight & dimensions	
S/PDIF out port	✗	Width	13.7" (348 mm)
Microphone in	✗	Depth	9.49" (241 mm)
Combo headphone/mic port	✓	Height (front)	0.976" (2.48 cm)
Docking connector	✗	Height (rear)	1.25" (3.17 cm)
ExpressCard slot	✗	Weight *	4.63 lbs (2.1 kg)
CardBus PCMCIA slot type	✗	Other features	
SmartCard slot	✗	3D	✗
Total number of SATA connectors	4		
Number of SATA III connectors	4		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✗		
Windows keys	✓		

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