

ASUS A455LA-WX378D laptop Intel® Core™ i3 i3-4005U 35,6 cm (14") HD 4 GB DDR3L-SDRAM 500 GB HDD FreeDOS Red

Brand : ASUS

Article code: A455LA-WX378D

Product name : A455LA-WX378D

ASUS A455LA-WX378D. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i3, Processor model: i3-4005U, Processor frequency: 1,7 GHz. Display diagonal: 35,6 cm (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: Red



Design		Software	
Product type *	Laptop	Operating system installed *	FreeDOS
Product color *	Red	Processor special features	
Form factor *	Clamshell		
Display		Intel® Wireless Display (Intel® WiDi)	✓
Display diagonal *	35,6 cm (14")	Intel Smart Connect Technology	✓
Display resolution *	1366 x 768 pixels	Intel® Anti-Theft Technology (Intel® AT)	✓
Touchscreen *	✗	Intel® Smart Response Technology	✗
HD type	HD	Intel® Identity Protection Technology (Intel® IPT)	✓
LED backlight	✓	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Native aspect ratio	16:9	Intel® Turbo Boost Technology	✗
Processor		Intel® Small Business Advantage (Intel® SBA)	✗
Processor manufacturer *	Intel	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor family *	Intel® Core™ i3	Intel® High Definition Audio (Intel® HD Audio)	✓
Processor generation	4th gen Intel® Core™ i3	Enhanced Intel SpeedStep Technology	✓
Processor model *	i3-4005U	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor cores	2	Intel® InTru™ 3D Technology	✓
Processor threads	4	Intel® Insider™	✓
Processor frequency *	1,7 GHz	Intel® Quick Sync Video Technology	✓
System bus rate	5 GT/s	Intel® Smart Cache	✓
Processor cache	3 MB	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor cache type	Smart Cache	Intel Trusted Execution Technology	✗
Processor socket	BGA 1168	Intel Enhanced Halt State	✓
Processor lithography	22 nm	Intel VT-x with Extended Page Tables (EPT)	✓
Processor operating modes	64-bit	Intel® Secure Key	✓
Processor series	Intel® Core™ i3-4000 Mobile Series	Intel TSX-NI	✗
Processor codename	Haswell		
Bus type	DMI		
Thermal Design Power (TDP)	15 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	10		
PCI Express slots version	2.0		
PCI Express configurations	4x1, 1x4		

Processor		Processor special features	
ECC supported by processor	✗	Intel 64	✓
Memory		Execute Disable Bit	✓
Internal memory *	4 GB	Idle States	✓
Internal memory type	DDR3L-SDRAM	Thermal Monitoring Technologies	✓
Memory clock speed	1600 MHz	Processor package size	40 x 24 x 1.5 mm
Memory form factor	SO-DIMM	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Memory slots	1x SO-DIMM	CPU configuration (max)	1
Maximum internal memory *	8 GB	Embedded options available	✗
Storage		UART	✓
Total storage capacity *	500 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Storage media *	HDD	Intel Smart Connect Technology version	1,00
Number of HDDs installed	1	Intel Identity Protection Technology version	1,00
HDD capacity	500 GB	Intel Smart Response Technology version	0,00
HDD interface	SATA	Intel Secure Key Technology version	1,00
Optical drive type *	DVD Super Multi	Intel Small Business Advantage (SBA) version	0,00
Card reader integrated	✓	Intel ME Firmware Version	9.5
Compatible memory cards	SD, SDHC, SDXC	Intel TSX-NI version	0,00
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	Not available	Intel FDI Technology	✗
On-board graphics card *	✓	Intel Rapid Storage Technology	✓
Discrete graphics card *	✗	Processor ARK ID	75105
On-board graphics card family	Intel® HD Graphics	Conflict-Free processor	✓
On-board graphics card model *	Intel® HD Graphics 4400	Battery	
On-board graphics card base frequency	200 MHz	Battery technology	Lithium Polymer (LiPo)
On-board graphics card dynamic frequency (max)	950 MHz	Number of battery cells	2
Maximum on-board graphics card memory	2 GB	Battery capacity *	37 Wh
On-board graphics card ID	0xA16	Power	
Audio		AC adapter power	45 W
Audio system	SonicMaster	AC adapter frequency	50 - 60 Hz
Built-in microphone	✓	AC adapter input voltage	100 - 240 V
Camera		AC adapter output current	2,37 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	✓	Cable lock slot type	Kensington
Ethernet LAN data rates	10,100,1000 Mbit/s	Password protection	✓
Bluetooth	✓	Password protection type	BIOS, HDD, User
Bluetooth version	4.0	Weight & dimensions	
Ports & interfaces		Width	348 mm
USB 2.0 ports quantity *	2	Depth	242,8 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Height	25,6 mm
Ethernet LAN (RJ-45) ports	1	Weight *	2,1 kg
HDMI ports quantity *	1	Other features	
DVI port	✗	Maximum internal memory (64-bit)	8 GB
VGA (D-Sub) ports quantity	1		
Combo headphone/mic port	✓		
Docking connector	✗		
Total number of SATA connectors	2		
Number of SATA III connectors	2		
Keyboard			
Pointing device	Touchpad		

Keyboard

Numeric keypad *	✗
Full-size keyboard	✓
Windows keys	✓

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