ASUS

ASUS X455LF-WX113T laptop Intel® Core™ i3 i3-4005U 35.6 cm (14") 4 GB DDR3L-SDRAM 1 TB HDD NVIDIA® GeForce® 930M Windows 10 Home Black, Silver

Brand : ASUS

Product name : X455LF-WX113T

Product code: X455LF-WX113T

Intel Core i3-4005U (1.7GHz, 3M Cache), 4GB DDR3, 1000GB HDD, Intel HD Graphics 5500 + NVIDIA GeForce 930M, Super Multi DVD, Ethernet, WebCam, Windows 10
ASUS X455LF-WX113T. 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"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics 4400. Operating system installed: Windows 10 Home. Product color: Black, Silver

Design

Product type *	Laptop
Product color *	Black, Silver
Form factor *	Clamshell

Display

Display diagonal *	35.6 cm (14")
Display resolution *	1366 x 768 pixels
Touchscreen *	✖
LED backlight	✔
Native aspect ratio	16:9

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i3
Processor generation	4th gen Intel® Core™ i3
Processor model *	i3-4005U
Processor cores	2
Processor threads	4
Processor frequency *	1.7 GHz
System bus rate	5 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
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	DMI
FSB Parity	✖
Thermal Design Power (TDP)	15 W

Software

Operating system installed *	Windows 10 Home

Processor special features

Intel® Wireless Display (Intel® WiDi)	✔
Intel® My WiFi Technology (Intel® MWT)	✖
Intel Smart Connect Technology	✔
Intel® Anti-Theft Technology (Intel® AT)	✔
Intel® Smart Response Technology	✖
Intel® Identity Protection Technology (Intel® IPT)	✔
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	✖
Intel® Small Business Advantage (Intel® SBA)	✖
Intel® Matrix Storage Technology (Intel® MST)	✖
Intel® High Definition Audio (Intel® HD Audio)	✔
Enhanced Intel SpeedStep Technology	✔
Intel® Built-in Visuals Technology	✔
Intel HD Graphics	✖
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✖
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔

Processor

Tjunction	100 °C
Maximum number of PCI Express lanes	10
PCI Express slots version	2.0
PCI Express configurations	4x1, 1x4
ECC supported by processor	✗

Memory

Internal memory *	4 GB
Internal memory type	DDR3L-SDRAM
Memory clock speed	1600 MHz
Maximum internal memory *	8 GB

Storage

Total storage capacity *	1 TB
Storage media *	HDD
Number of HDDs installed	1
HDD capacity	1 TB
Optical drive type *	DVD Super Multi
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

Graphics

Discrete graphics card model *	NVIDIA® GeForce® 930M
Discrete graphics card memory	2 GB
Discrete graphics memory type	GDDR3
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 4400
On-board graphics card base frequency	200 MHz
On-board graphics card dynamic frequency (max)	950 MHz
Maximum on-board graphics card memory	2 GB
On-board graphics card DirectX version	12
On-board graphics card OpenGL version	4.3
On-board graphics card ID	0xA16
Graphics card Open GL support	✔

Audio

Audio system	SonicMaster
Built-in microphone	✔

Camera

Front camera	✔

Network

Wi-Fi	✔
Wi-Fi standards	802.11g, 802.11b, Wi-Fi 4 (802.11n)
Ethernet LAN	✔
Ethernet LAN data rates	10,1000,100 Mbit/s

Ports & interfaces

USB 2.0 ports quantity *	2
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
DVI port	✗
VGA (D-Sub) ports quantity	1

Processor special features

Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✗
Intel® Smart Cache	✔
Intel® AES New Instructions (Intel® AES-NI)	✔
Intel Trusted Execution Technology	✗
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Demand Based Switching	✗
Intel® Secure Key	✔
Intel TSX-NI	✗
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	40 x 24 x 1.5 mm
Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
CPU configuration (max)	1
Embedded options available	✗
UART	✔
Intel Virtualization Technology for Directed I/O (VT-d)	✗
Intel Smart Connect Technology version	1.00
Intel Identity Protection Technology version	1.00
Intel Smart Response Technology version	0.00
Intel Secure Key Technology version	1.00
Intel Small Business Advantage (SBA) version	0.00
Intel ME Firmware Version	9.5
Intel TSX-NI version	0.00
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✗
Intel FDI Technology	✗
Intel Rapid Storage Technology	✔
Intel Fast Memory Access	✗
Processor ARK ID	75105
Conflict-Free processor	✔

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	2
Battery capacity *	37 Wh

Power

AC adapter power	65 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	3.42 A
AC adapter output voltage	19 V
DC-in jack	✔

Security

Cable lock slot	✔

Ports & interfaces

S/PDIF out port	✘
Microphone in	✘
Combo headphone/mic port	✔
Docking connector	✘
ExpressCard slot	✘
CardBus PCMCIA slot type	✘
SmartCard slot	✘
Total number of SATA connectors	2
Number of SATA III connectors	2

Keyboard

Pointing device	Touchpad
Numeric keypad *	✘
Windows keys	✔

Security

Cable lock slot type	Kensington
Password protection	✔
Password protection type	HDD, User, BIOS

Weight & dimensions

Width	348 mm
Depth	242.8 mm
Height	25.6 mm
Weight *	2.1 kg

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