ASUS F402CA-WX102H Intel® Pentium® 2117U Laptop 35,6 cm (14") HD 4 GB DDR3-SDRAM 500 GB HDD Windows 8 Black

Brand : ASUS

Product name : F402CA-WX102H

Article code: 90NB0091-M02010

ASUS F402CA-WX102H. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Pentium®, Processor model: 2117U, Processor frequency: 1,8 GHz. Display diagonal: 35,6 cm (14"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics. Operating system installed: Windows 8. Product color: Black

Design

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

Display

Display diagonal *	35,6 cm (14")
Display resolution *	1366 x 768 pixels
Touchscreen *	✗
HD type	HD
LED backlight	✔
Native aspect ratio	16:9

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Pentium®
Processor model *	2117U
Processor cores	2
Processor threads	2
Processor frequency *	1,8 GHz
System bus rate	5 GT/s
Processor cache	2 MB
Processor cache type	Smart Cache
Processor socket	BGA 1023
Processor lithography	22 nm
Processor operating modes	64-bit
Processor series	Intel Pentium 2000 series for Mobile
Processor codename	Ivy Bridge
Bus type	DMI
FSB Parity	✗
Stepping	P0
Thermal Design Power (TDP)	17 W
Tjunction	105 °C

Ports & interfaces

ExpressCard slot	✗
CardBus PCMCIA slot type	✗
SmartCard slot	✗

Performance

Motherboard chipset	Intel HM76 Express

Keyboard

Pointing device	Touchpad
Numeric keypad *	✗
Keyboard layout	AZERTY

Software

Operating system architecture	64-bit
Operating system installed *	Windows 8

Processor special features

Intel® Wireless Display (Intel® WiDi)	✗
Intel® My WiFi Technology (Intel® MWT)	✔
Intel® Anti-Theft Technology (Intel® AT)	✗
Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Intel® Turbo Boost Technology	✗
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Intel Clear Video Technology	✗
Intel® InTru™ 3D Technology	✗
Intel® Insider™	✗

Processor

Maximum number of PCI Express lanes	16
PCI Express slots version	2.0
PCI Express configurations	1x16, 2x8, 1x8+2x4
CPU multiplier (bus/core ratio)	18
ECC supported by processor	✘

Memory

Internal memory *	4 GB
Internal memory type	DDR3-SDRAM
Memory clock speed	1600 MHz
Memory form factor	On-board
Maximum internal memory *	4 GB

Storage

Total storage capacity *	500 GB
Storage media *	HDD
Number of HDDs installed	1
HDD capacity	500 GB
HDD interface	SATA
HDD speed	5400 RPM
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1000 MHz

Audio

Audio system	SonicMaster
Number of built-in speakers	2
Built-in microphone	✔

Camera

Front camera	✔

Network

Wi-Fi	✔
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✘
Data network	Not supported
4G WiMAX	✘

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
S/PDIF out port	✘
Microphone in	✘

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® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✘
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	31 x 24 mm
Supported instruction sets	SSE4.1, SSE4.2
Processor code	SR0VQ
CPU configuration (max)	1
Embedded options available	✘
Graphics & IMC lithography	22 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✘
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✔
Intel FDI Technology	✔
Intel Rapid Storage Technology	✘
Intel Fast Memory Access	✔
Processor ARK ID	71469
Conflict-Free processor	✔
Integrated 4G WiMAX	✘

Battery

Battery technology	Lithium Polymer (LiPo)
Battery capacity *	38 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	✘

Weight & dimensions

Width	339 mm
Depth	235 mm
Height	21,7 mm
Weight *	1,56 kg

Packaging content

AC adapter included *	✔

Other features

LightScribe	✘

Ports & interfaces		Other features	
Combo headphone/mic port	✔	3D	✘
Docking connector	✘		

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