ASUS

ASUS R510CC-XX1313H Intel® Pentium® 2117U Laptop 39,6 cm (15.6") HD 4 GB DDR3-SDRAM 1 TB HDD NVIDIA® GeForce® GT 720M Wi-Fi 4 (802.11n) Windows 8 Grey, Silver

Brand : ASUS

Product code: 90NB00W2-M24460

Product name : R510CC-XX1313H

Intel Pentium 2117U (2M Cache, 1.8GHz), 4GB RAM, 1000GB HDD, DVD, Intel HD Graphics + NVIDIA GeForce GT 720M, Ethernet, WLAN 802.11, WebCam, Windows 8

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Incredible Beauty
A classic, timeless design
Designed for everyday multitasking and entertainment for smart and practical users, the ASUS R Series notebooks redefine your expectations of all-rounder notebook. With a spun-circle finish and patterned palm rests, the R Series adds a touch of sophistication and elegance to everyday computing. Its slim profile is 5% thinner than the previous R Series notebook, and still houses to a large touchpad with intuitive multi-point Smart Gesture input, multiple USB 3.0 ports for fast data transfer and IceCool technology to keep your palm rests cool.

Design

Product type *	Laptop
Product colour *	Grey, Silver
Form factor *	Clamshell

Display

Display diagonal *	39,6 cm (15.6")
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
Stepping	P0
Thermal Design Power (TDP)	17 W

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Full-size keyboard	✔
Windows keys	✔

Software

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™	✗
Intel® Quick Sync Video Technology	✗
Intel Flex Memory Access	✔
Intel® Smart Cache	✔
Intel® AES New Instructions (Intel® AES-NI)	✗

Processor

Tjunction	105 °C
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

Storage

Total storage capacity *	1 TB
Storage media *	HDD
Number of hard drives installed	1
Hard drive 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® GT 720M
On-board graphics card *	✔
Discrete graphics card *	✔
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

Built-in microphone	✔

Camera

Front camera	✔

Network

Wi-Fi	✔
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)
Ethernet LAN	✔
Ethernet LAN data rates	10,1000,100 Mbit/s
Bluetooth	✔
Bluetooth version	4.0

Ports & interfaces

USB 2.0 ports quantity *	1
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
Microphone in	✘
Combo headphone/mic port	✔
Docking connector	✘

Performance

Motherboard chipset	Intel HM76 Express

Processor special features

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 Fast Memory Access	✔
Processor ARK ID	71469
Conflict-Free processor	✔
Integrated 4G WiMAX	✘

Battery

Number of battery cells	4
Battery capacity	2600 mAh
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	✔
Cable lock slot type	Kensington
Password protection	✔
Password protection type	HDD, User, BIOS

Weight & dimensions

Width	380 mm
Depth	251 mm
Height (front)	2,48 cm
Height (rear)	3,17 cm
Weight *	2,3 kg

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