SAMSUNG

Samsung RV RV511-S04ES Intel® Core™ i5 i5-480M 39.6 cm (15.6") 4 GB DDR3-SDRAM 500 GB NVIDIA® GeForce® 315M Windows 7 Home Premium Silver

Brand : Samsung

Product family: RV

Product code: NP-RV511-S04ES

Product name : RV511-S04ES

NP-RV511-S04ES - i5-480M (3M Cache, 2.66 GHz), 4GB RAM, 500GB HDD SATA, 15.6" HD LED LCD, nVidia GeForce 315M, DVD Super Multi, WLAN, Windows 7 Home Premium 64-Bit
Samsung RV RV511-S04ES. Processor family: Intel® Core™ i5, Processor: i5-480M, Processor frequency: 2.66 GHz. Display diagonal: 39.6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics, Discrete graphics card model: NVIDIA® GeForce® 315M. Operating system installed: Windows 7 Home Premium. Product colour: Silver. Weight: 2.5 kg

Design

Product colour *	Silver

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1366 x 768 pixels
LED backlight	✔
Native aspect ratio	16:9
Display surface	Gloss

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	4th gen Intel® Core™ i5
Processor *	i5-480M
Processor number of cores	2
Processor threads	4
Processor boost frequency	2.93 GHz
Processor frequency *	2.66 GHz
System bus data transfer rate	2.5 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
Processor socket	BGA 1288
Processor lithography	32 nm
Processor operating modes	64-bit
Processor series	Intel Core i5-400 Series
Processor codename	Arrandale
Bus type	DMI
FSB Parity	✘
Stepping	K0
Thermal Design Power (TDP)	35 W

Ports & interfaces

CardBus PCMCIA slot type	✘
SmartCard slot	✘
TV-out	✘

Performance

Motherboard chipset	Intel® HM55 Express

Software

Operating system architecture	64-bit
Drivers included	✔
Trial software	Norton Internet Security, Norton Online Backup
Operating system installed *	Windows 7 Home Premium

Processor special features

Intel Wireless Display (WiDi) Technology	✘
Intel My WiFi Technology	✘
Intel Anti-Theft Technology	✘
Intel Hyper-Threading Technology	✔
Intel Turbo Boost Technology	1.0
Enhanced Intel SpeedStep Technology	✔
Intel Clear Video HD Technology	✔
Intel Clear Video Technology	✔
Intel® InTru™ 3D Technology	✘
Intel® Insider™	✘
Intel® Quick Sync Video Technology	✘
Intel Flex Memory Access	✔

Processor

Tjunction	105 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	2.0
PCI Express configurations	1x16
Number of Processing Die Transistors	382 M
Processing die size	81 mm²
CPU multiplier (bus/core ratio)	20
ECC supported by processor	✘

Memory

Internal memory *	4 GB
Internal memory type	DDR3-SDRAM
Memory clock speed	1066 MHz
Memory layout (slots x size)	2 x 2 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	8 GB

Storage

Total storage capacity *	500 GB
Number of hard drives installed	1
Hard drive capacity	500 GB
Hard drive interface	SATA
Hard drive rotational speed	5400 RPM
Optical drive type *	DVD Super Multi
Card reader integrated	✔
Compatible memory cards	MMC, SD, SDHC, SDXC

Graphics

Discrete graphics card model *	NVIDIA® GeForce® 315M
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	500 MHz
On-board graphics card dynamic frequency (max)	766 MHz

Audio

Audio system	HD
Number of built-in speakers	2
Speaker power	1.5 W

Camera

Front camera	✘

Optical Drive

CD read speed	24x
CD write speed	24x

Network

Wi-Fi	✔
Networking features	Gigabit Ethernet, WLAN
Ethernet LAN connection	✔
Bluetooth	✔
Bluetooth version	3.0+HS
Cabling technology	10/100/1000Base-T(X)

Ports & interfaces

USB 2.0 ports quantity *	3
Ethernet LAN (RJ-45) ports quantity	1
HDMI ports quantity *	1

Processor special features

Intel® Smart Cache	✔
Intel AES New Instructions	✘
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 MID	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	rPGA 37.5x 37.5, BGA 34x28
Supported instruction sets	SSE4.1, SSE4.2
Processor code	SLC26
Physical Address Extension (PAE)	✔
Physical Address Extension (PAE)	36 bit
CPU configuration (max)	1
Embedded options available	✘
Graphics & IMC lithography	45 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	52952
Conflict-Free processor	✘

Battery

Number of battery cells	6

Energy Management

DC-in jack	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Password protection type	BIOS

Certificates

Certification	TCO3.0

Weight & Dimensions

Width	379.8 mm
Depth	255.5 mm
Height (front)	2.99 cm
Height (rear)	3.62 cm
Weight *	2.5 kg

Packaging Content

AC adapter bundled *	✔
Handheld remote control	✘

Other features

Wireless technology	Wi-Fi
Infrared data port	✘
Graphics card family	NVIDIA
Type	PC

Ports & interfaces			Other features		
DVI port	✘		Power supply type	AC/DC	
VGA (D-Sub) ports quantity	1		Power requirements	100 - 240V AC	
Headphone outputs	1		Compliance industry standards	IEEE 802.3, IEEE 802.3u	
S/PDIF out port	✘		Hard disk drive, user password	✔	
Microphone in	✔		Internal modem	✘	
Docking connector	✘		TV tuner integrated	✘	
ExpressCard slot	✘				

Catalog Object Cloud