

**Samsung R R540-JT05ES Intel® Core™ i5 i5-480M 39.6 cm (15.6")
4 GB DDR3-SDRAM 500 GB AMD Mobility Radeon HD 5470
Windows 7 Home Premium Chocolate**

Brand : Samsung

Product family: R

Product code: NP-R540-JT05ES

Product name : R540-JT05ES

15.6", Intel Core i5-480M, 4GB RAM, 500GB HDD, ATI Mobility Radeon HD5470 1GB, Wi-Fi, BT3.0, Windows 7 HP (64bit)

Samsung R R540-JT05ES. 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: DVD Super Multi DL. On-board graphics card model: Intel® HD Graphics, Discrete graphics card model: AMD Mobility Radeon HD 5470. Operating system installed: Windows 7 Home Premium. Product colour: Chocolate. Weight: 2.4 kg



Design		Ports & interfaces	
Product colour *	Chocolate	SmartCard slot	✗
Display		TV-out	✗
Display diagonal *	39.6 cm (15.6")	Performance	
Display resolution *	1366 x 768 pixels	Chipset	Intel® HM55 Express
Touchscreen *	✗	Keyboard	
LED backlight	✓	Pointing device	Touchpad
Native aspect ratio	16:9	Software	
Display surface	Gloss	Operating system architecture	64-bit
Processor		Operating system installed *	Windows 7 Home Premium
Processor manufacturer *	Intel	Processor special features	
Processor family *	Intel® Core™ i5	Intel Wireless Display (WiDi) Technology	✗
Processor generation	4th gen Intel® Core™ i5	Intel My WiFi Technology	✗
Processor *	i5-480M	Intel Anti-Theft Technology	✗
Processor number of cores	2	Intel Hyper-Threading Technology	✓
Processor threads	4	Intel Turbo Boost Technology	1.0
Processor boost frequency	2.93 GHz	Enhanced Intel SpeedStep Technology	✓
Processor frequency *	2.66 GHz	Intel Clear Video HD Technology	✓
System bus data transfer rate	2.5 GT/s	Intel Clear Video Technology	✓
Processor cache	3 MB	Intel® InTru™ 3D Technology	✗
Processor cache type	Smart Cache	Intel® Insider™	✗
Processor socket	BGA 1288	Intel® Quick Sync Video Technology	✗
Processor lithography	32 nm	Intel Flex Memory Access	✓
Processor operating modes	64-bit	Intel® Smart Cache	✓
Processor series	Intel Core i5-400 Series	Intel AES New Instructions	✗
Processor codename	Arrandale	Intel Trusted Execution Technology	✗
Bus type	DMI	Intel Enhanced Halt State	✓
FSB Parity	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Stepping	K0	Intel Demand Based Switching	✗
Thermal Design Power (TDP)	35 W		
Tjunction	105 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	2.0		
PCI Express configurations	1x16		

Processor		Processor special features	
Number of Processing Die Transistors	382 M	Intel Clear Video Technology for MID	✓
Processing die size	81 mm²	Intel 64	✓
CPU multiplier (bus/core ratio)	20	Execute Disable Bit	✓
ECC supported by processor	✗	Idle States	✓
Memory		Thermal Monitoring Technologies	✓
Internal memory *	4 GB	Processor package size	rPGA 37.5x 37.5, BGA 34x28
Internal memory type	DDR3-SDRAM	Supported instruction sets	SSE4.1, SSE4.2
Memory layout (slots x size)	2 x 2 GB	Processor code	SLC26
Memory slots	2x SO-DIMM	Physical Address Extension (PAE)	✓
Storage		Physical Address Extension (PAE)	36 bit
Total storage capacity *	500 GB	CPU configuration (max)	1
Hard drive capacity	500 GB	Embedded options available	✗
Hard drive interface	SATA	Graphics & IMC lithography	45 nm
Hard drive rotational speed	5400 RPM	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Optical drive *	DVD Super Multi DL	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Intel Dual Display Capable Technology	✓
Compatible memory cards	MMC, SD, SDHC	Intel FDI Technology	✓
Graphics		Intel Rapid Storage Technology	✗
Discrete graphics card model *	AMD Mobility Radeon HD 5470	Intel Fast Memory Access	✓
On-board graphics card *	✓	Processor ARK ID	52952
Discrete graphics card *	✓	Conflict-Free processor	✗
On-board graphics card family	Intel® HD Graphics	Battery	
On-board graphics card model *	Intel® HD Graphics	Number of battery cells	6
On-board graphics card base frequency	500 MHz	Battery capacity	4400 mAh
On-board graphics card dynamic frequency (max)	766 MHz	Power	
Maximum graphics card memory	1.024 GB	AC adapter power	90 W
Audio		DC-in jack	✓
Audio system	HD	Security	
Number of built-in speakers	2	Cable lock slot	✓
Speaker power	1.5 W	Cable lock slot type	Kensington
Audio system direct 3D sound	✓	Weight & dimensions	
Network		Width	379.6 mm
Wi-Fi	✓	Depth	255.5 mm
Ethernet LAN connection	✓	Height	38.2 mm
Bluetooth	✓	Weight *	2.4 kg
Bluetooth version	3.0+HS	Packaging content	
Cabling technology	10/100Base-T(X)	AC adapter included *	✓
Ports & interfaces		Other features	
USB 2.0 ports quantity *	3	Infrared data port	✗
Ethernet LAN (RJ-45) ports	1	Graphics card family	AMD
HDMI ports quantity *	1	Display	LED
DVI port	✗	Power supply type	AC/DC
VGA (D-Sub) ports quantity	1	Power requirements	110 - 240 V
Headphone outputs	1	Internal modem	✗
S/PDIF out port	✗	TV tuner integrated	✗
Microphone in	✓		
Docking connector	✗		
ExpressCard slot	✗		
CardBus PCMCIA slot type	✗		

Catalog Object Cloud



Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.