

## Samsung R R540-JT04ES Intel® Pentium® P6100 39,6 cm (15.6") 4 GB DDR3-SDRAM 320 GB AMD Mobility Radeon HD 5470 Windows 7 Home Premium Braun

**Marke :** Samsung

**Produktfamilie:** R

**Artikel-Code:** NP-R540-JT04ES

**Produktname :** R540-JT04ES

Samsung R R540-JT04ES. Prozessorfamilie: Intel® Pentium®, Prozessor: P6100, Prozessor-Taktfrequenz: 2 GHz. Bildschirmdiagonale: 39,6 cm (15.6"), Display-Auflösung: 1366 x 768 Pixel. Speicherkapazität: 4 GB, Interner Speichertyp: DDR3-SDRAM. Gesamtspeicherkapazität: 320 GB, Optisches Laufwerk - Typ: DVD Super Multi DL. Eingebautes Grafikkartenmodell: Intel® HD Graphics, Separates Grafikkartenmodell: AMD Mobility Radeon HD 5470. Installiertes Betriebssystem: Windows 7 Home Premium. Produktfarbe: Braun. Gewicht: 2,4 kg



| Design                     |                                       | Anschlüsse und Schnittstellen                                                                                                                                                      |                        |
|----------------------------|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Produktfarbe *             | Braun                                 | TV-Out                                                                                                                                                                             | ✗                      |
| Bildschirm                 |                                       | Leistungen                                                                                                                                                                         |                        |
| Bildschirmdiagonale *      | 39,6 cm (15.6")                       | Motherboard Chipsatz                                                                                                                                                               | Intel® HM55 Express    |
| Display-Auflösung *        | 1366 x 768 Pixel                      | Tastatur                                                                                                                                                                           |                        |
| LED-Hintergrundbeleuchtung | ✓                                     | Eingabegerät                                                                                                                                                                       | Touchpad + Drehtaste   |
| Natives Seitenverhältnis   | 16:9                                  | Tastatur - Tastenanzahl                                                                                                                                                            | 101                    |
| Prozessor                  |                                       | Software                                                                                                                                                                           |                        |
| Prozessorhersteller *      | Intel                                 | Betriebssystemarchitektur                                                                                                                                                          | 64-Bit                 |
| Prozessorfamilie *         | Intel® Pentium®                       | Installiertes Betriebssystem *                                                                                                                                                     | Windows 7 Home Premium |
| Prozessor *                | P6100                                 | Mitgelieferte Software<br>Samsung Update Plus, Easy Display Manger, Easy Battery Manager, Easy Network Manager, Easy SpeedUp Manager, Adobe Acrobat Reader, Samsung Support Center |                        |
| Anzahl Prozessorkerne      | 2                                     |                                                                                                                                                                                    |                        |
| Prozessor-Threads          | 2                                     |                                                                                                                                                                                    |                        |
| Prozessor-Taktfrequenz *   | 2 GHz                                 | Prozessor Besonderheiten                                                                                                                                                           |                        |
| Systembus-Rate             | 2,5 GT/s                              | Intel® Wireless-Display (Intel® WiDi)                                                                                                                                              | ✗                      |
| Prozessor-Cache            | 3 MB                                  | Intel® My-WiFi-Technik (Intel® MWT)                                                                                                                                                | ✗                      |
| Prozessor Cache Typ        | Smart Cache                           | Intel® Anti-Theft Technologie (Intel® AT)                                                                                                                                          | ✗                      |
| Prozessorsockel            | PGA988                                | Intel® Hyper-Threading-Technik (Intel® HT Technology)                                                                                                                              | ✗                      |
| Prozessor Lithografie      | 32 nm                                 | Intel® Turbo-Boost-Technologie                                                                                                                                                     | ✗                      |
| Prozessorbetriebsmodi      | 32-bit, 64-Bit                        | Verbesserte Intel SpeedStep Technologie                                                                                                                                            | ✓                      |
| Prozessor-Serien           | Intel Pentium P6000 Series for Mobile | Intel® Clear Video HD Technology für (Intel® CVT HD)                                                                                                                               | ✓                      |
| Prozessor Codename         | Arrandale                             | Intel® Clear Video Technologie                                                                                                                                                     | ✓                      |
| Bus Typ                    | DMI                                   |                                                                                                                                                                                    |                        |
| FSB Gleichwertigkeit       | ✗                                     |                                                                                                                                                                                    |                        |
| Stepping                   | K0                                    |                                                                                                                                                                                    |                        |
| Thermal Design Power (TDP) | 35 W                                  |                                                                                                                                                                                    |                        |
| Tjunction                  | 90 °C                                 |                                                                                                                                                                                    |                        |

| Prozessor                                               |                             | Prozessor Besonderheiten                                                       |              |
|---------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------|--------------|
| Maximale Anzahl der PCI-Express-Lanes                   | 1                           | Intel® InTru™ 3D Technologie                                                   | ✗            |
| PCI-Express-Slots-Version                               | 2.0                         | Intel® Insider™                                                                | ✗            |
| PCI Express Konfigurationen                             | 1x16                        | Intel® Quick-Sync-Video-Technik                                                | ✗            |
| Anzahl der Processing Die Transistoren                  | 382 M                       | Intel® Flex Memory Access                                                      | ✓            |
| Processing die Größe                                    | 81 mm²                      | Intel® AES New Instructions (Intel® AES-NI)                                    | ✗            |
| CPU-Multiplikator (Bus-/Kernverhältnis)                 | 15                          | Intel® Trusted-Execution-Technik                                               | ✗            |
| ECC vom Prozessor unterstützt                           | ✗                           | Intel® Enhanced Halt State                                                     | ✓            |
| Speicher                                                |                             | Intel® VT-x mit Extended Page Tables (EPT)                                     | ✗            |
| Speicherkapazität *                                     | 4 GB                        | Intel® Demand Based Switching                                                  | ✗            |
| Interner Speichertyp                                    | DDR3-SDRAM                  | Intel® Clear Video Technology für Mobile Internet Devices (Intel® CVT for MID) | ✓            |
| Speicherlayout                                          | 2 x 2 GB                    | Intel® 64                                                                      | ✓            |
| Speicherkartensteckplätze                               | 2x SO-DIMM                  | Execute Disable Bit                                                            | ✓            |
| Speichermedium                                          |                             | Leerlauf Zustände                                                              | ✓            |
| Gesamtspeicherkapazität *                               | 320 GB                      | Thermal-Überwachungstechnologien                                               | ✓            |
| HDD Schnittstelle                                       | SATA                        | Prozessor-Paketgröße                                                           | 37.5x37.5 mm |
| HDD Geschwindigkeit                                     | 5400 RPM                    | Prozessor-Code                                                                 | SLBUR        |
| Optisches Laufwerk - Typ *                              | DVD Super Multi DL          | Physical Address Extension (PAE)                                               | 36 Bit       |
| Integrierter Kartenleser                                | ✓                           | CPU Konfiguration (max)                                                        | 1            |
| Kompatible Speicherkarten                               | MMC, SD, SDHC               | Eingebettete Optionen verfügbar                                                | ✗            |
| Grafik                                                  |                             | Graphics & IMC lithography                                                     | 45 nm        |
| Separates Grafikkartenmodell *                          | AMD Mobility Radeon HD 5470 | Intel® Virtualisierungstechnik für direkte I/O (VT-d)                          | ✗            |
| Eingebaute Grafikkadpter *                              | ✓                           | Intel® Virtualization Technologie (VT-X)                                       | ✗            |
| Separater Grafikkadpter *                               | ✓                           | Intel® Dual Display Capable Technology                                         | ✓            |
| On-Board-Grafikkadpterfamilie                           | Intel® HD Graphics          | Intel® FDI-Technik                                                             | ✓            |
| Eingebautes Grafikkartenmodell *                        | Intel® HD Graphics          | Intel® Rapid-Storage-Technik                                                   | ✗            |
| On-Board Grafikkadpter Basisfrequenz                    | 500 MHz                     | Intel® Fast Memory Access                                                      | ✓            |
| Maximale dynamische Frequenz der On-Board Grafikkadpter | 667 MHz                     | ARK Prozessorerkennung                                                         | 50175        |
| Maximaler Grafik-Adapterspeicher                        | 0,5 GB                      | Konfliktloser-Prozessor                                                        | ✗            |
| Audio                                                   |                             | Akku/Batterie                                                                  |              |
| Audio-System                                            | HD SRS 3D                   | Anzahl Batteriezellen                                                          | 6            |
| Anzahl eingebauter Lautsprecher                         | 2                           | Energie                                                                        |              |
| Lautsprecherleistung                                    | 1,5 W                       | Netzteilstärke                                                                 | 60 W         |
| Netzwerk                                                |                             | Sicherheit                                                                     |              |
| WLAN                                                    | ✓                           | Kabelsperr-Slot                                                                | ✓            |
| Ethernet/LAN                                            | ✓                           | Slot-Typ Kabelsperr                                                            | Kensington   |
| Bluetooth                                               | ✓                           | Passwortschutz-Art                                                             | BIOS         |
| Bluetooth-Version                                       | 3.0+HS                      | Gewicht und Abmessungen                                                        |              |
| Verkabelungstechnologie                                 | 10/100Base-T(X)             | Breite                                                                         | 379,6 mm     |
| Anschlüsse und Schnittstellen                           |                             | Tiefe                                                                          | 255,5 mm     |
| Anzahl USB 2.0 Anschlüsse *                             | 3                           | Höhe (vorne)                                                                   | 3,24 cm      |
| Anzahl Ethernet-LAN-Anschlüsse (RJ-45)                  | 1                           | Höhe (hinten)                                                                  | 3,83 cm      |
| Anzahl HDMI-Anschlüsse *                                | 1                           | Gewicht *                                                                      | 2,4 kg       |
| DVI Anschluss                                           | ✗                           | Sonstige Funktionen                                                            |              |
| Anzahl VGA (D-Sub) Anschlüsse                           | 1                           | Infrarotport                                                                   | ✗            |
| Kopfhörerausgänge                                       | 1                           | Grafikkarte-Familie                                                            | AMD          |
| S/PDIF-Ausgang                                          | ✗                           | Typ                                                                            | PC           |
| Mikrofon-Eingang                                        | ✓                           | Display                                                                        | LED          |
| Docking-Connector                                       | ✗                           | HDD Benutzer Passwort                                                          | ✓            |
| ExpressCard-Slot                                        | ✗                           |                                                                                |              |
| CardBus PCMCIA Slot-Typ                                 | ✗                           |                                                                                |              |
| SmartCard-Slot                                          | ✗                           |                                                                                |              |

## Catalog Object Cloud



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