## Raspberry Pi 2, Model B V1.2

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Raspberry Pi 2, Model B V1.2</th>
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<tbody>
<tr>
<td><strong>Product Description</strong></td>
<td>The Raspberry Pi 2 delivers 6 times the processing capacity of previous models. This second generation Raspberry Pi has an upgraded Broadcom BCM2837 processor, which is a powerful ARM Cortex-A53 based quad-core processor that runs at 900MHz. The board also features an increase in memory capacity to 1Gbyte.</td>
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<tr>
<td><strong>RS Part Number</strong></td>
<td>125-9525 &amp; 125-9526</td>
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### Specifications
- **Chip Broadcom**: BCM2837 SoC
- **Core architecture**: Quad-core ARM Cortex-A53
- **CPU**: 900 MHz
- **GPU**: Dual Core VideoCore IV Multimedia Co-Processor
  - Provides Open GL ES 2.0, hardware-accelerated OpenVG, and 1080p30 H.264 high-profile decode
  - Capable of 1Gpixel/s, 1.5Gtexel/s or 24GFLOPs with texture filtering and DMA infrastructure
- **Memory**: 1GB LPDDR2
- **Operating System**: Boots from Micro SD card, running a version of the Linux operating system
- **Dimensions**: 85 x 56 x 17mm
- **Power**: Micro USB socket 5V, 2A

### Connectors:
- **Ethernet**: 10/100 BaseT Ethernet socket
- **Video Output**: HDMI (rev 1.3 & 1.4)
  - Composite RCA (PAL and NTSC)
- **Audio Output**: 3.5mm jack, HDMI
- **USB**: 4 x USB 2.0 Connector
- **GPIO Connector**: 40-pin 2.54 mm (100 mil) expansion header: 2x20 strip
  - Providing 27 GPIO pins as well as +3.3 V, +5 V and GND supply lines
- **Camera Connector**: 15-pin MIPI Camera Serial Interface (CSI-2)
- **JTAG**: Not populated
- **Display Connector**: Display Serial Interface (DSI) 15 way flat flex cable connector with two data lanes and a clock lane
- **Memory Card Slot**: Micro SDIO

[www.rs-components.com/raspberrypi](http://www.rs-components.com/raspberrypi)