Product Name: Raspberry Pi Model B+

Product Description: The Raspberry Pi Model B+ incorporates a number of enhancements and new features. Improved power consumption, increased connectivity and greater IO are among the improvements to this powerful, small and lightweight ARM-based computer.

Specifications:

**Chip**
- Broadcom BCM2835 SoC

**Core architecture**
- ARM11

**CPU**
- 700 MHz Low Power ARM1176JZFS Applications Processor

**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**
- 512MB SDRAM

**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**
  - SDIO