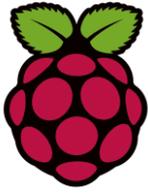# Raspberry Pi 3 Starter Kit

Part number: KIT-PI3-STARTER
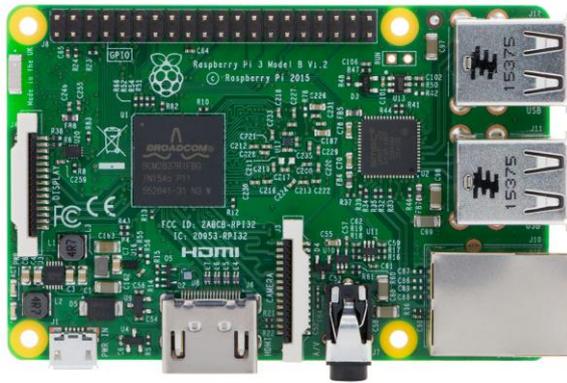
Kit contains

- Raspberry Pi 3 model B
- Raspberry Pi enclosure
- Raspberry pi power supply

Raspberry Pi 3 Model B

RASPBERRYPI3-MODB-1GB   RPI3-MODB-16GB-NOOBS

Technical Specifications:

- Broadcom BCM2837 64bit Quad Core Processor powered Single Board Computer running at 1.2GHz 1GB RAM
- BCM43438 WiFi on board
- Bluetooth Low Energy (BLE) on board
- 40pin extended GPIO
- 4 x USB 2 ports
- 4 pole Stereo output and Composite video port
- Full size HDMI CSI camera port for connecting the Raspberry Pi camera
- DSI display port for connecting the Raspberry Pi touch screen display
- Micro SD port for loading your operating system and storing data
- Upgraded switched Micro USB power source (now supports up to 2.4 Amps)
- Same form factor as the Pi 2 Model B, however the LEDs have changed position

Raspberry Pi Style Enclosure

multicomp

HAT Enclosure

- Designed to house the Raspberry Pi B+/Pi 2/Pi 3 and HAT PCB's
- All cut -outs are pre-cut into the case
- Camera ribbon slot in enclosure lid
- Display ribbon slot in enclosure lid
- Four self adhesive feet
- Label recess on enclosure base
- Gloss Finish
- L 93.5mm × W 63.9mm × H 26.6mm

Material:

Body   : ABS UL94-HB
Lid   : PC UL94-HB

Part Number Table

Description	Body Colour	Lid Colour	Part Number
Raspberry Pi Style Enclosure	Black	Clear	CBPIHAT-BLK

www.element14.com
www.farnell.com
www.newark.com

multicomp

Page <1>   20/04/16   V1.0

T5875DV
Raspberry Pi Power Supply

Features:

- Official Raspberry Pi Power Supply
- 1.5M Micro USB B Lead
- ErP Level 6 Efficiency Rating
- 50,000 Hour MTBF
- 1 Years Warranty

Output

Output Voltage	+5.1Vdc
Minimum Load Current	0A
Nominal Load Current	2.5A
Nominal Output Power	13W
Output Regulation	+/-5%
Line Regulation	+/-2%
Ripple & Noise	120mVp-p Maximum
Rise Time	100mS Maximum at nominal input
Turn-on Delay	3 Seconds Maximum at nominal input
Protection	Short circuit, over current, over voltage
Efficiency	80.86%
Output Cable	1500mm Micro USB B 5 Pin

Input

Input Voltage Range	90-264VAC
Input Frequency	47-63Hz
Input Current	0.5A Max
Inrush Current	No damage and IP fuse will not blow
AC Inlet	UK, Euro, Aus & US changeable heads

Other

Dimensions	73.2 (L) * 45.1 (W) * 35.1 (H) mm
Weight	Approx 150g
Operating Temp.	0 °C to 40 °C
Storage Temp.	-20 °C to +60 °C
Opertating Humidity	20 ~ 85 % RH. Non-Condesning
MTBF	50,000 Hours

Diagrams

Please Note: Image shown is representative of entire range. Individual PSU image &/or drawings or data sheets available on request.
Stontronics Ltd accepts no responsibility for typographical errors in the production of this leaflet. Product specifications are subject to change without notice.