

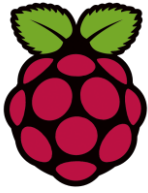
Raspberry Pi 3 Starter Kit

Part number: KIT-PI3-STARTER

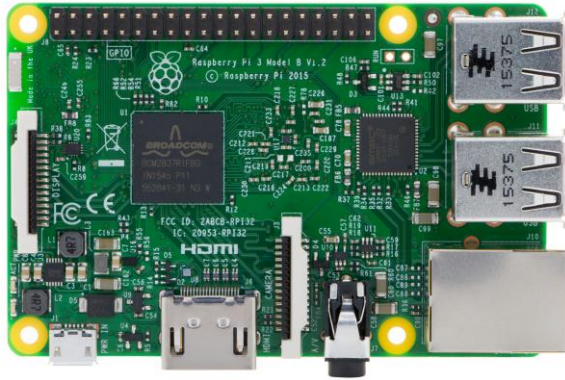


Kit contains

- Raspberry Pi 3 model B
- Raspberry Pi enclosure
- Raspberry pi power supply
- 16GB NOOBS SD Card (including MicroSD card to SD Card Adapter)



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



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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp is the registered trademark of the Group. © Premier Farnell plc 2012.

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



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

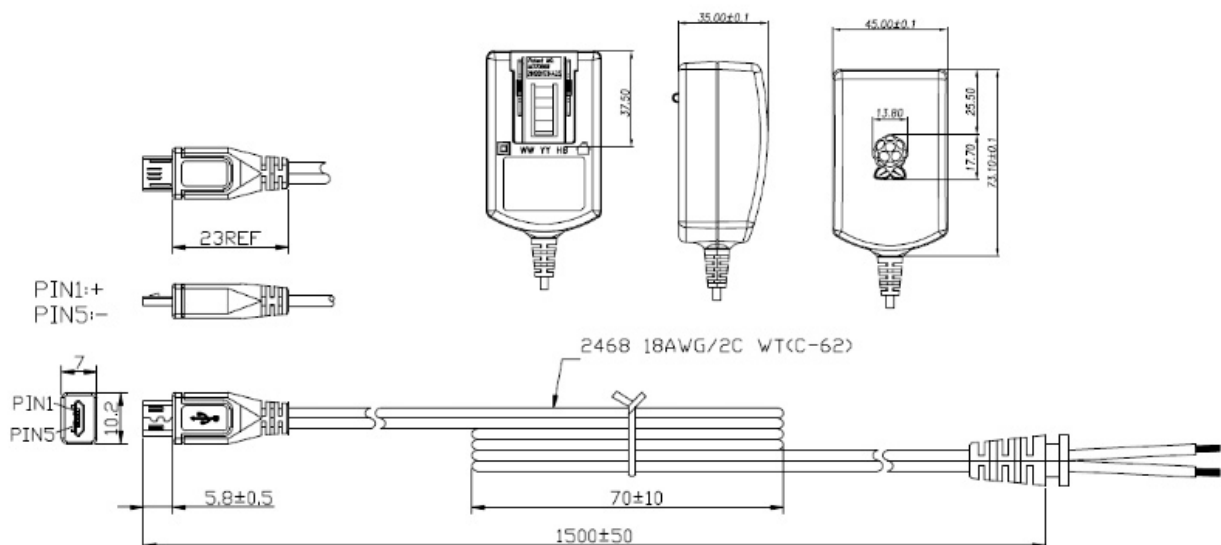
Input

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
Operating Humidity	20 ~ 85 % RH. Non-Condensing
MTBF	50,000 Hours

Diagrams



STONTRONICS
THE POWER TO STAY

Chancerygate Business Centre, Cradock Road, Reading, Berkshire, RG2 0AH.

Tel: +44 (0) 118 931 1199 • Fax: +44 (0) 118 931 1145 • Email: info@stontronics.co.uk • Web: www.stontronics.co.uk

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.