INTERCHANGEABLE WALL PLUG POWER SUPPLY 5.1VDC 15.3WATT

T7730DV

Features:

- Interchangeable AC Heads
- 1 Year Warranty
- Level VI Efficiency
- Worldwide Approvals

Description:

The Stontronics range of 15.3 Watt Interchangeable wall plug power supplies provide 15.3 watts of continuous power with the flexibility of worldwide usage as they are supplied with UK & Euro AC Heads , all Efficiency Level VI and carry worldwide safety approvals.

Specification	
Part Code	T7730DV
Input Voltage Range	90-264 Vac
Input Frequency Range	47-63Hz
Input Current Rated	0.6A Max
Input AC Heads	UK & Euro
Output Voltage Rating	+5.1V
Output Current Range	3A
Output Min Current	0A
Output Connector	USB Type C
Total Output Regulation	+/- 5%
Line and Load Regulation	+/- 2%
Ripple & Noise	240mVp-p
Efficiency	81.97% Min
Over Voltage Protection	10Vdc Maximum
Over Current Protection	5A maximum with auto-recovery function
Short Circuit Protection	The adapter shall not be damaged by short the DC output to Ground
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to +60°C
Operating Humidity	20% to 85%
Storage Humidity	5% to 95%
Hi-Pot	3000VAC 10mA 1min
Leakage Current	0.25mA max
Safety Standard	UL/CUL(UL62368) TUV-GS(EN62368) SAA(AS/NZS62368)
EMI Standard	FCC(PART 15 CLASS B) CE(EN55032) RCM
MTBF	50K Hours
Size mm max.	74.5(L) x 36(W) x 54(H)
Weight	115g± 15%

General Note
TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

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TT Electronics | Stontronics Ltd
Chancerygate Business Centre, Cradock Road, Reading RG2 0AH, UK
t: +44 (0) 118 931 1199

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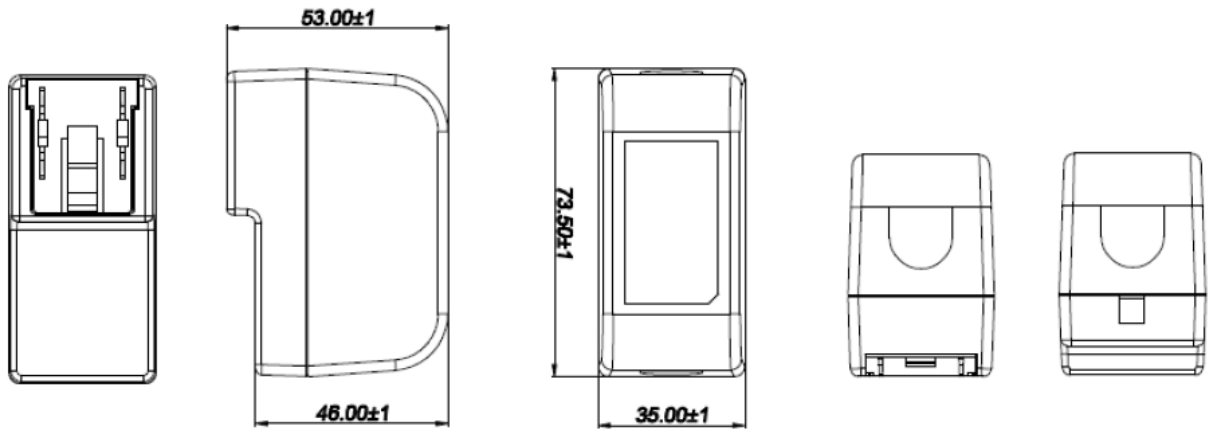
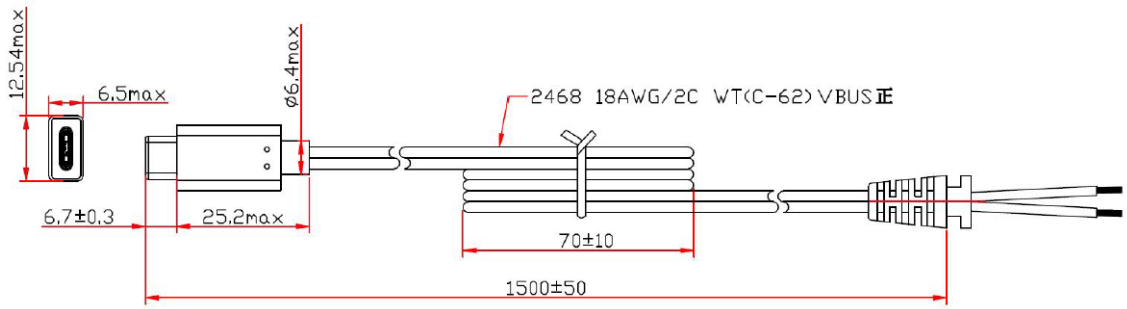
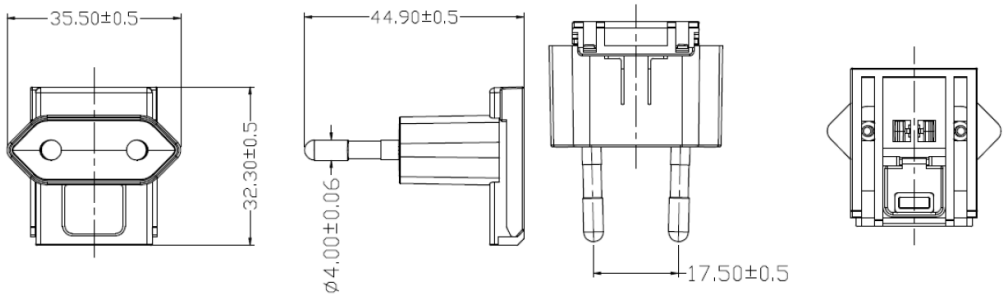
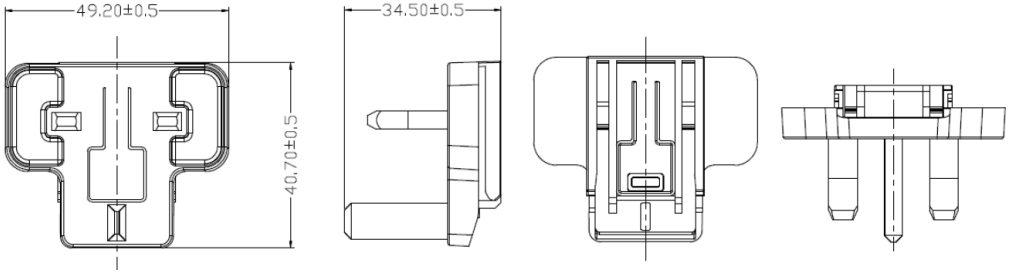
T7730DV

Diagrams









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Micro HDMI Cable for Raspberry Pi

T7689AX; T7690AX

Features:

- Nickel Plated Plugs
- RoHS Compliant
- EMI level: 0
- Withstanding Voltage 300VDC 0.1 Sec.
- Insulation Resistance 3M ohm 300VDC

Description:

Micro HDMI cable for the Raspberry Pi has been engineered to maximise the performance and functionality of your Raspberry Pi 3. (Backward compatible with all previous generations of Raspberry Pi).

Triple layer shielding allows you to get the best performance from your Wi-Fi and Bluetooth connectivity with your Raspberry Pi 3.

Different cable options to suit your project - Choose between 1M & 2M cable lengths in White colour. Meets the very latest HDMI Version 2.0 standards.

Part Number	Colour	Length
T7689AX	White	1M
T7690AX	White	2M

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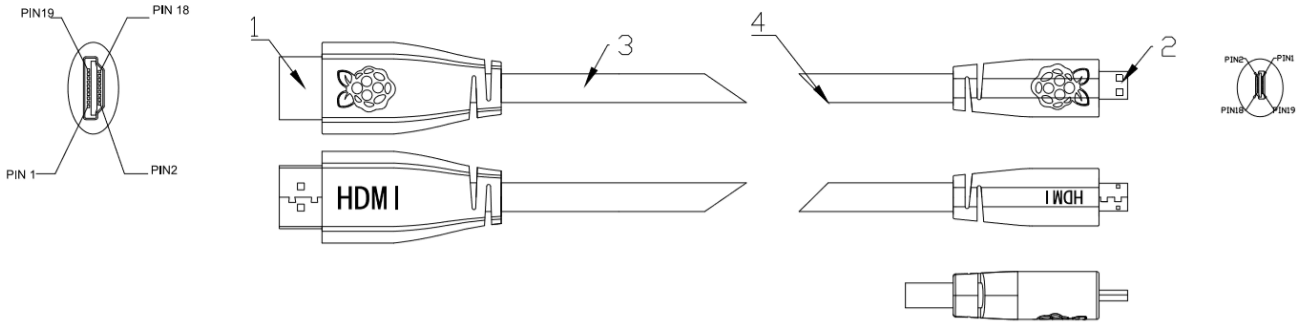
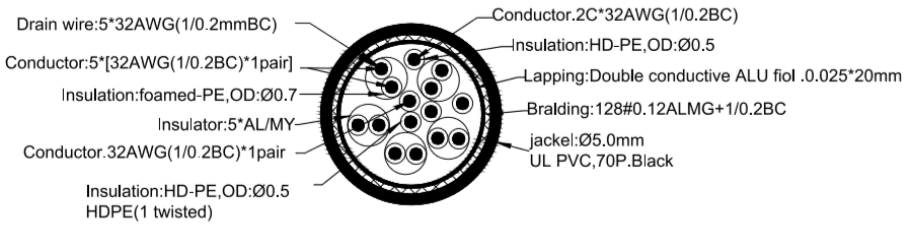
T7689AX; T7690AX

Diagrams





5P+4C(32AWG)
2.0 Version

Type A PIN	Signal Assignment	Type A PIN
1 Blue		Blue 1
2 ground		ground 2
3 white		white 3
4 Blue		Blue 4
5 ground		ground 5
6 white		white 6
7 Blue		Blue 7
8 ground		ground 8
9 white		white 9
10 Blue		Blue 10
11ground		ground 11
12 white		white 12
14 Blue		Blue 14
17ground		ground 17
19 white		white 19
15 Yellow		Yellow 15
16 Oreger		Oreger 16
13 white		white 13
18 red		red 18
SHELL		SHELL

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Miniature Home Theater Keyboard with Touchpad

Product Description

1. 2.4g wireless connection, plug&play
2. Mouse&keyboard combo, customizable language layout
3. Multi-media buttons with multi-touch touchpad
4. LED backlight for work and Internet surfing in dark environment
5. Built-in lithium-ion battery, easy charging

Product Details

Receiver (Dongle)	: Nano style
Connect port	: With USB 2.0 above
RF mode	: 2.4GHz GFSK
Keys Design	: 92 keys
Materials	: TPU Keys + Plastic Shell
IC Controller	: Beken
RF IC	: Beken
Transmission distance	: Up to 10 m
Battery	: Rechargeable polymer lithium-ion battery
Battery Capacity	: 450mAh
Charging current	: <350mA
Sleeping current	: <1mA
Operation voltage	: 3.3V
Weight	: 110g
Size	: 148mm×98mm×19mm
Colour	: Black, white, golden, blue, green
Accessories	: 2.4GHz Wirless Receiver, USB Extension cable, USB Charging Cable and User Manual

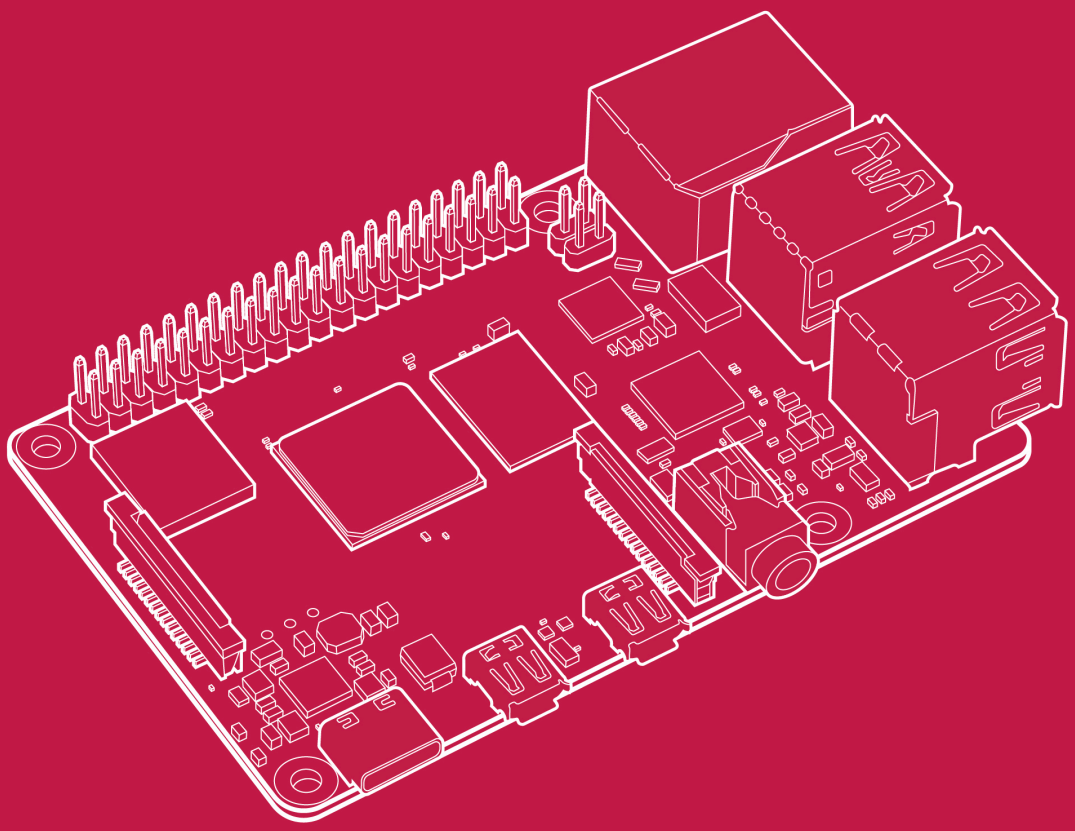
Devices Support

- Windows 2000, XP, Vista ,Windows CE,Windows 7,8,10
- MAC OS
- Linux (Debian-3.1,Redhat-9.0 Ubuntu-8.10 Fedora-7.0 tested)
- Most Android OS (With standard USB interface)

Part Number Table

Description	Part Number
Miniature Home Theater Keyboard with Touchpad	83-17318

Raspberry Pi 4 Computer
Model B

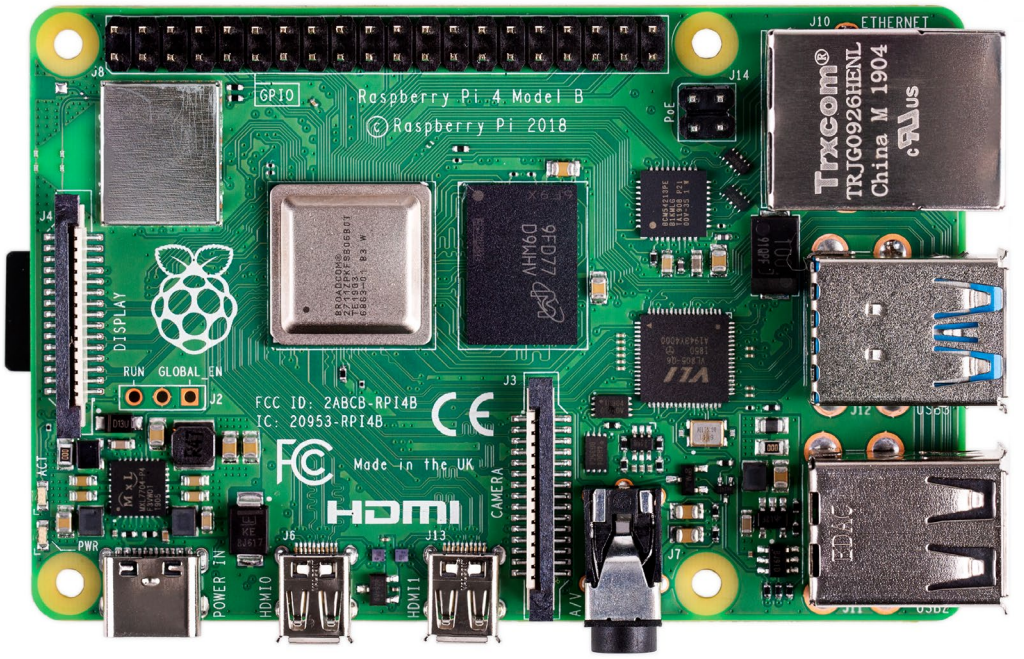


Published in June 2019
by Raspberry Pi Trading Ltd.

www.raspberrypi.org

Raspberry Pi

Overview



Raspberry Pi 4 Model B is the latest product in the popular Raspberry Pi range of computers. It offers ground-breaking increases in processor speed, multimedia performance, memory, and connectivity compared to the prior-generation Raspberry Pi 3 Model B+, while retaining backwards compatibility and similar power consumption. For the end user, Raspberry Pi 4 Model B provides desktop performance comparable to entry-level x86 PC systems.

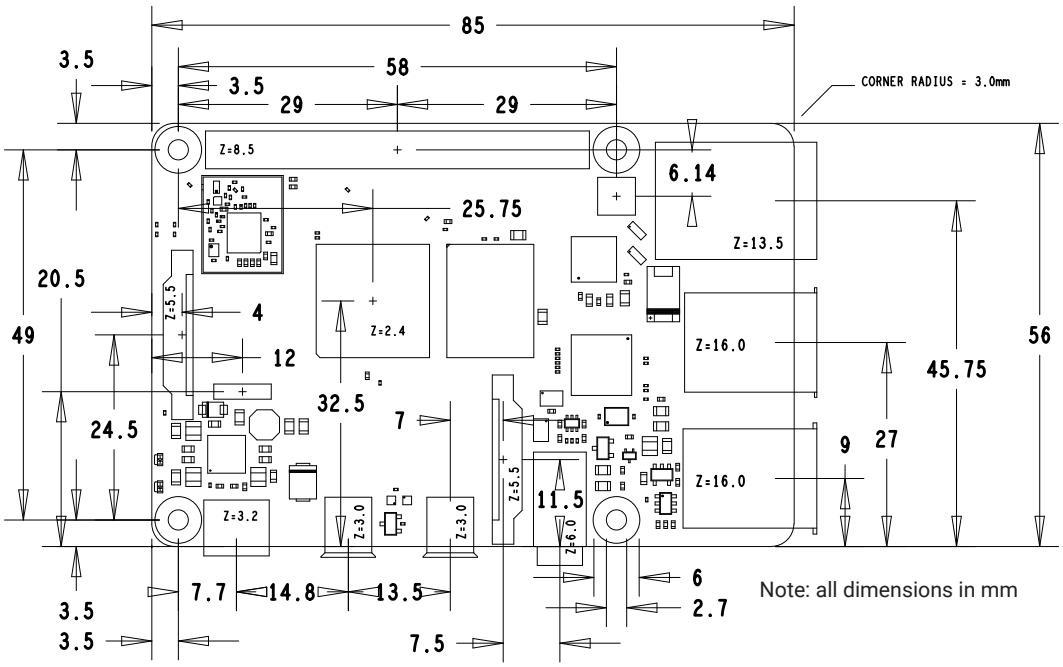
This product's key features include a high-performance 64-bit quad-core processor, dual-display support at resolutions up to 4K via a pair of micro-HDMI ports, hardware video decode at up to 4Kp60, up to 4GB of RAM, dual-band 2.4/5.0 GHz wireless LAN, Bluetooth 5.0, Gigabit Ethernet, USB 3.0, and PoE capability (via a separate PoE HAT add-on).

The dual-band wireless LAN and Bluetooth have modular compliance certification, allowing the board to be designed into end products with significantly reduced compliance testing, improving both cost and time to market.

Specification

Processor:	Broadcom BCM2711, quad-core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz
Memory:	1GB, 2GB or 4GB LPDDR4-2400 SDRAM (depending on model)
Connectivity:	2.4 GHz and 5.0 GHz IEEE 802.11b/g/n/ac wireless LAN, Bluetooth 5.0, BLE Gigabit Ethernet 2 × USB 3.0 ports 2 × USB 2.0 ports.
GPIO:	Standard 40-pin GPIO header (fully backwards-compatible with previous boards)
Video & sound:	2 × micro HDMI ports (up to 4Kp60 supported) 2-lane MIPI DSI display port 2-lane MIPI CSI camera port 4-pole stereo audio and composite video port
Multimedia:	H.265 (4Kp60 decode); H.264 (1080p60 decode, 1080p30 encode); OpenGL ES, 3.0 graphics
SD card support:	Micro SD card slot for loading operating system and data storage
Input power:	5V DC via USB-C connector (minimum 3A[1]) 5V DC via GPIO header (minimum 3A[1]) Power over Ethernet (PoE)–enabled (requires separate PoE HAT)
Environment:	Operating temperature 0–50°C
Compliance:	For a full list of local and regional product approvals, please visit https://www.raspberrypi.org/documentation/hardware/raspberrypi/conformity.md
Production lifetime:	The Raspberry Pi 4 Model B will remain in production until at least January 2026.

Physical Specifications



Note: all dimensions in mm

WARNINGS

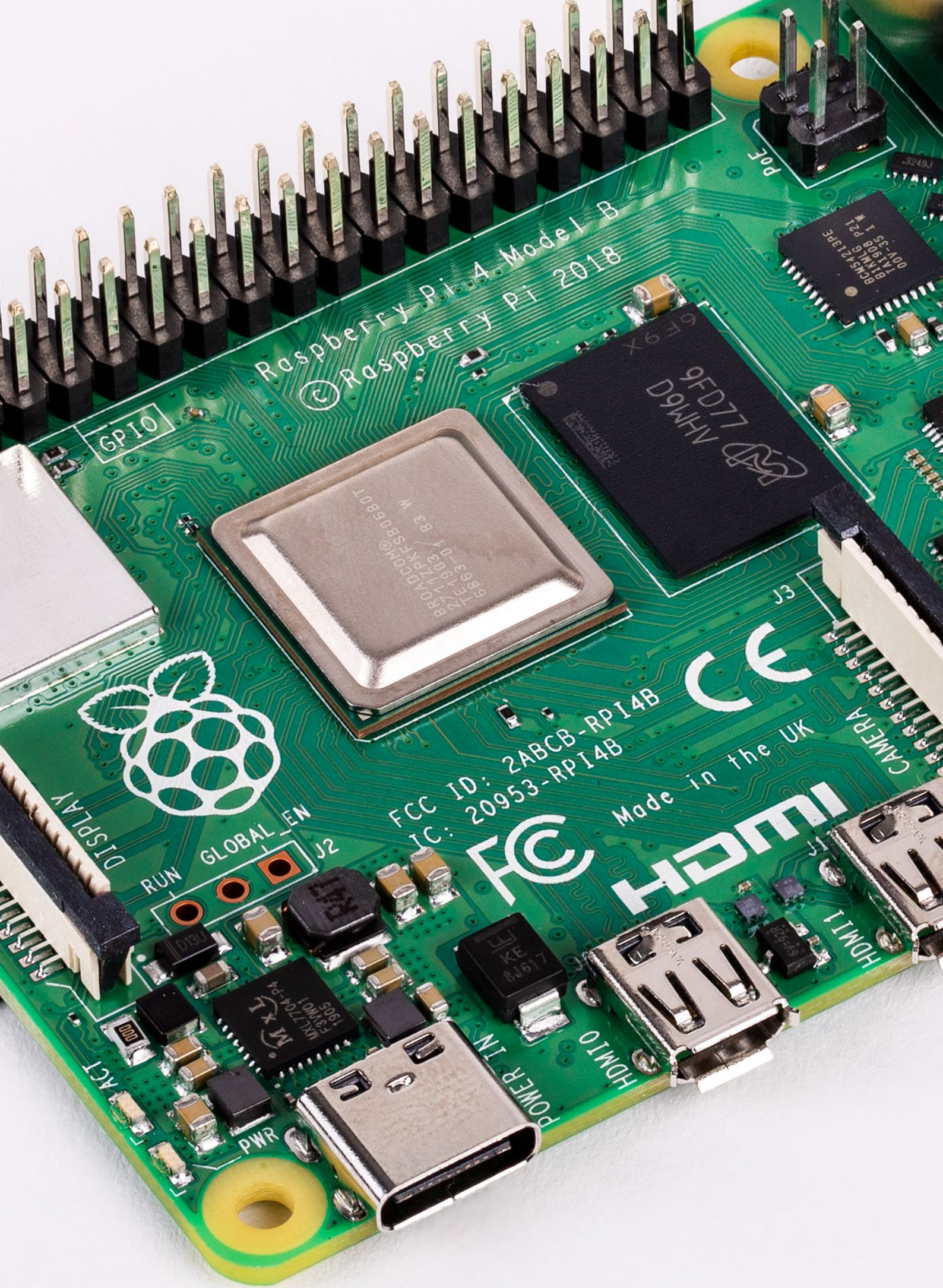
- This product should only be connected to an external power supply rated at 5V/3A DC or 5.1V/ 3A DC minimum[1]. Any external power supply used with the Raspberry Pi 4 Model B shall comply with relevant regulations and standards applicable in the country of intended use.
- This product should be operated in a well-ventilated environment and, if used inside a case, the case should not be covered.
- This product should be placed on a stable, flat, non-conductive surface in use and should not be contacted by conductive items.
- The connection of incompatible devices to the GPIO connection may affect compliance and result in damage to the unit and invalidate the warranty.
- All peripherals used with this product should comply with relevant standards for the country of use and be marked accordingly to ensure that safety and performance requirements are met. These articles include but are not limited to keyboards, monitors and mice when used in conjunction with the Raspberry Pi.
- Where peripherals are connected that do not include the cable or connector, the cable or connector must offer adequate insulation and operation in order that the relevant performance and safety requirements are met.

SAFETY INSTRUCTIONS

To avoid malfunction or damage to this product please observe the following:

- Do not expose to water, moisture or place on a conductive surface whilst in operation.
- Do not expose it to heat from any source; Raspberry Pi 4 Model B is designed for reliable operation at normal ambient room temperatures.
- Take care whilst handling to avoid mechanical or electrical damage to the printed circuit board and connectors.
- Avoid handling the printed circuit board whilst it is powered and only handle by the edges to minimise the risk of electrostatic discharge damage.

[1] A good quality 2.5A power supply can be used if downstream USB peripherals consume less than 500mA in total.


Raspberry Pi 4 Model B
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GPIO
PoE
9FD77
D9WHV
FCC ID: 2ABCB-RPI4B
IC: 20953-RPI4B
Made in the UK
DISPLAY
CAMERA
RUN
GLOBAL_EN
J2
J3
J1
HDMI1
HDMI0
POWER IN
ACT
PWR

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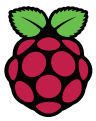

Raspberry Pi