



40 رأس دبوس

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المواصفات

- المسافة بين الدبابيس : 2.54 ملم
- عدد الدبابيس : 40 دبوس
- ارتفاع الدبابيس : 19 ملم
- عدد القطع عند الشحن : 10 قطع

5V 2A شاحن كهربائي يو اس بي

- شاحن كهربائي مقترن بسلك يو اس بي يعمل على اخراج تيار 2A ، وهو مناسب لتوصيل الراسبري بمصدر الطاقة

المواصفات :

- جهد الخرج : 5 فولت تيار ثابت
- تيار الخرج : 2 أمبير
- طرف التوصيل : مايكرو يو اس بي

Cables for raspberry Camera 100cm

Cables for raspberry Camera 100cm

Cables for raspberry Camera 50cm

Cables for raspberry Camera 50cm

Case Fan & heatsink for Raspberry Pi 4 case

The Raspberry Pi 4 Case Fan is an official accessory for Raspberry Pi 4, for use with the official Raspberry Pi 4 Case. Designed for over-clockers and other power users, it keeps your Raspberry Pi 4 at a comfortable .operating temperature even under heavy load

:Features

- Fits perfectly into the lid of the Raspberry Pi 4 Case
- Temperature-controlled fan delivers up to 1.4 CFM of air flow over the processor, memory, and power management IC
- 18 mm × 18 mm × 10 mm heatsink with self-adhesive pad improves heat transfer from the 18 processor

:Specification

- Input voltage: 5V DC supplied via 40-pin GPIO header on Raspberry Pi 4
- Fan speed control: Pulse width modulation control via user-selectable GPIO pin
- Maximum airflow: 1.4 CFM

Ethernet LAN Network Module

Ethernet LAN Network Module

:Features

- SPI Interface Clock Speed: up to 20 MHz
- Buffer Size: 8 KB
- (Operating Voltage: 3.1 V to 3.6 V (3.3 V typical
- V Tolerant Inputs 5

GPIO extension 40 pins

This is the assembled version of the Pi T-Cobbler Plus

Does not waste any space on the bread board enabling the use of most of the bread board

Ergonomically convenient to use because of the T-Shape

Can be used with our Raspberry Pi GPIO cable listed separately

Can also be used with standard IDE cables

يمكن استخدامها مع سلك الـ Raspberry باي

يمكن استخدامها أيضا مع أسلاك IDE القياسية

Micro SD – High Capacity – 8GB SDHC

:Specification

- Micro Secure Digital Card
- High Capacity
- 8GB
- Class 10
- Made in Taiwan

Prototyping Pi Plate for Raspberry Pi 2

- GPIO extension, convenient DIY test
- Terminals support, convenient connection to use directly
- With bread board, can do a lot of the prototype experiment as a panel board

Raspberry Pi 2&3 Case

- غطاء يتكون من طبقتين لسهولة الوصول للوحة
- جميع المداخل والمخارج لها منفذ و ايضا مدخل كرت الذاكرة
- أغطية جانبية قابلة للفك والتي تسهل توصيل منافذ الـ GPIO
- جودة ممتازة ودرجة حماية عالية
- أطراف صغيرة لمنع الانزلاق
- يوجد بها ايضا أضواء تشغيل تظهر من خلال فتحات شفافة صغيرة موجودة في طرف الغطاء

Raspberry Pi 3 Model B

- 1.2GHz QUAD Core Broadcom BCM2837 64bit ARMv8 processor
- BCM43438 WiFi on board
- Bluetooth Low Energy (BLE) on board
- 1GB RAM
- 4x USB 2 ports
- 40pin extended GPIO
- HDMI and RCA video output

- الذاكرة العشوائية : 1 جيجا
- متوفر بتقنية الواي فاي والبلوتوث
- عدد منافذ اليو اس بي : 4 منافذ
- عدد منافذ التحكم : 40 منفذ
- مخرجات الشاشة : مخرج اتش دي ، RCA فيديو

Raspberry Pi 4 B

The Raspberry Pi has sold millions of copies worldwide since its first release in early 2012 and is still very popular. Because many Raspberry Pi users do not only have a single-board computer at home, but also 4-5 pieces.

One functions as a HD media player with external hard disk for the home cinema or as an Internet radio with display, the next as a webcam server for camera surveillance with live stream to the mobile phone, then another for home automation such as heating or lighting control and another as a simple WLAN printer server or as a mini-computer for general surfing on the Internet, to name just a few application

You will notice that the little “jack-of-all-trades” can not only do a lot, but is also extremely cheap and that is what makes it so attractive. The only thing you should bring along is a flair for programming and not even that, because you can also simply reprogram according to the instructions in forums or books, or you !can easily install a finished image on the Raspberry Pi – have the courage to do so

?What’s new with Raspberry Pi 4 B

Old Raspberry Pi 3 B+ – 1.4 GHz ARM Cortex-A53 Quad-Core CPU

- 1 GB LPDDR2 SDRAM
- Gigabit LAN RJ45 (via USB 2.0 with up to 300 Mbit)
- Bluetooth 4.2
- 4x USB 2.0
- HDMI (1080p @H.264)
- microUSB @ 5V/2.5A

New Raspberry Pi 4 B – 1.5 GHz ARM Cortex-A72 Quad-Core CPU

- 1 GB, 2 GB or 4 GB LPDDR4 SDRAM
- Gigabit LAN RJ45 (with up to 1000 Mbit)
- Bluetooth 5.0
- 2x USB 2.0 / 2x USB 3.0
- 2x microHDMI (1x 4k @60fps or 2x 4k @30fps)
- USB Type-C @ 5V/3A

There are the following 3 different variants

- Raspberry Pi 4 B 2GB with 2 GB memory –
- Raspberry Pi 4 B 4GB with 4 GB memory
- Raspberry Pi 4 B 8GB with 8 GB memory

Due to the other connections, like 2x microHDMI instead of 1x HDMI as well as USB Type-C instead of microUSB, but also due to the exchange of LAN port and USB port, new housings are necessary. Otherwise .the existing accessories are fully compatible with the new Raspberry Pi

:Specifications

- Broadcom BCM2711, Quad core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz •
- RAM size : 2GB – 4GB -8GB •
- GHz and 5.0 GHz IEEE 802.11ac wireless, Bluetooth 5.0, BLE 2.4 •
- Gigabit Ethernet •
- .USB 3.0 ports; 2 USB 2.0 ports 2 •
- (Raspberry Pi standard 40 pin GPIO header (fully backwards compatible with previous boards •
- (micro-HDMI ports (up to 4kp60 supported × 2 •
- lane MIPI DSI display port-2 •
- lane MIPI CSI camera port-2 •
- pole stereo audio and composite video port-4 •
- (H.265 (4kp60 decode), H264 (1080p60 decode, 1080p30 encode •

- OpenGL ES 3.0 graphics •
- Micro-SD card slot for loading operating system and data storage •
- (*5V DC via USB-C connector (minimum 3A •
- (*5V DC via GPIO header (minimum 3A •
- (Power over Ethernet (PoE) enabled (requires separate PoE HAT •
- Operating temperature: 0 – 50 degrees C ambient •

:The Beginner Kit includes

- 1 **(Raspberry Pi 4 (4GB or 8GB**
- 1 Official RPi 15W (5V/3A) PSU USB
C UK Plug
- 1 Case Fan & heatsink for Raspberry
Pi 4 case
- 1 Raspberry Pi Micro-HDMI to
Standard HDMI, 1m White
- 1 Official Raspberry Pi Case for
Raspberry Pi 4 Model B
((Red/White
- 1 Breadboard 8.5×5.5cm (400
(Holes
- 1 potentiometer
- 5 Push Button 4Pin Tactile Switch
Buttons 12mm
- 1 alphanumeric LCD (16×2
(characters
- 1 LCD Pins
- 1 RGB LED
- 1 LED 3mm Red
- 1 LED 3mm Green
- 1 LED 3mm Blue
- 4 Male to Female Jumper Wire (40
(pcs pack
- 4 Male to Male Jumper Wire (40 pcs
(pack
- 1 Passive Buzzer
- 2 (Resistor 0.25W 5% (390R
- 5 Resistors 1 kOhms

