



Systeme de sauvegardes pour
r cup ration de donn es



Datasheet

DeskPi Pro Set-top Box for Raspberry Pi 4

RS Stock No:



Product Details

- **NUC style aluminum alloy case**

The aluminum alloy case provides better protection, while the front and rear acrylic panels ensure good Wi-Fi signal.

- **Expansion of 2.5-inch HDD/SDD Interface**

DeskPi Pro extends a 2.5-inch hard disk Port through the USB3.0 port, supports SDD/HDD, and provides independent power supply.

- **Design with all ports on the back**

All the ports of the Raspberry Pi are placed on the back, say goodbye to longer messy cables.

- **Micro HDMI ports to Full Size**

No need of Micro HDMI cable to save an unnecessary cost.

- **Expansion of 2 USB Ports**

Type C power Port extends two front USB ports for USB devices like USB flash drive, gamepads, keyboard and mouse.

- **Safe-Shutdown & Reset**

After installing a driver, safe shutdown and Reset functions through the onboard MCU are available.

- **Built-in ICE Tower Cooler with PWM fan**

The specially designed Cooler supports adjustable fan temperature & speed control.

- **No more undervoltage Issues**

The DeskPi Pro Supports PD 2.0 and QC 3.0 power input, Provides enough power for Raspberry Pi 4.

- **Great ADD-ONS**

A Brand-new Low-profile ICE TOWER and a QC3.0 power supply are included in the kit.



Features and Benefits

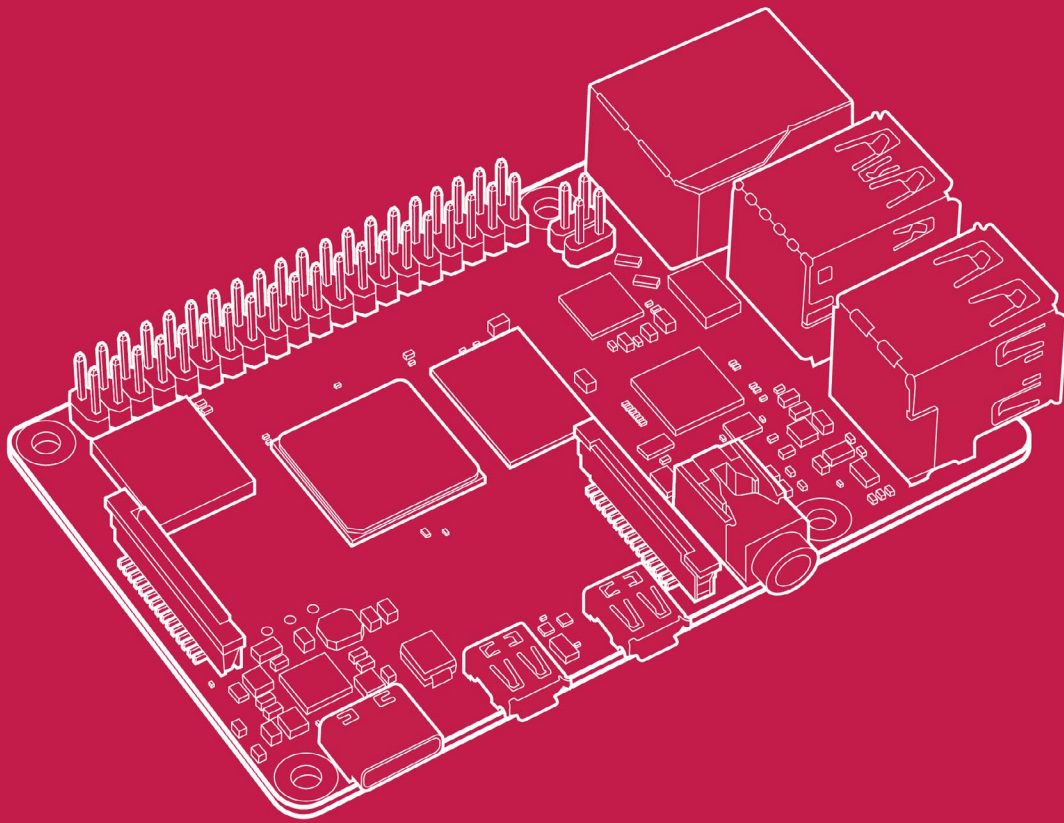
- Full Size HDMI 2.0 Ports,Support 4K
- Ultimate Passive and Active Cooling System
- PD3.0/QC 3.0 Power support
- 2.5 Inch SSD/HDD Expansion
- Front Two USB 2.0 Host
- Safe Power Button
- Minimal Clutter
- Brand New ICE Tower Cooler included
- QC3.0 Power Supply included

Package Includes

- 1 x DeskPi Pro Case
 - 1 x Brand New ICE Tower Cooler
 - 1 x QC 3.0 Power Supply
 - 1 x USB Connector
 - 1 x Instruction Manual
- Note: Raspberry Pi and TF card are not included!**

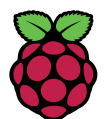
Raspberry Pi 4 Computer

Model B



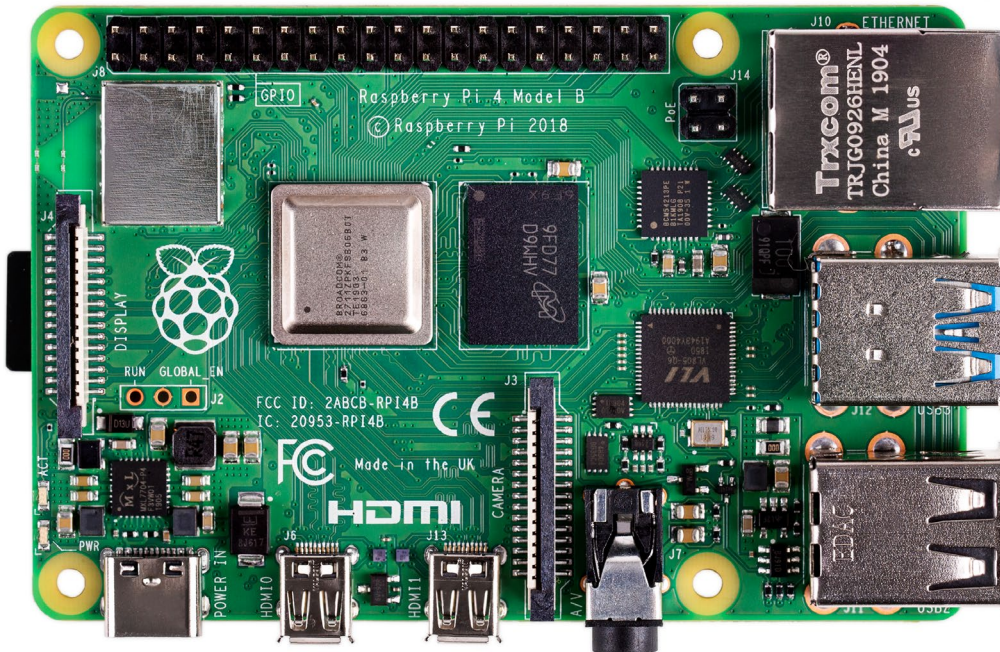
Published in January 2021
by Raspberry Pi Trading Ltd.

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 8GB 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, 4GB or 8GB LPDDR4 (depending on model) with on-die ECC
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.