

[Manuals.plus](#) /

› [db-tronic](#) /

› db-tronic Raspberry Pi 5 4GB Starter Kit User Manual

db-tronic Raspberry Pi 5 4GB Starter Kit (RP5-8GB-COOLER)

db-tronic Raspberry Pi 5 4GB Starter Kit User Manual

Model: Raspberry Pi 5 4GB Starter Kit (RP5-8GB-COOLER)

1. INTRODUCTION

The db-tronic Raspberry Pi 5 4GB Starter Kit is a powerful single-board computer designed for a wide range of projects, including smart home automation, retro gaming, and general computing tasks. This comprehensive kit provides all essential components to get started quickly and efficiently. It offers enhanced performance and connectivity compared to previous generations, making it ideal for both beginners and experienced users.

SMART PROJECTS. RASPBERRY PI 5

Kompakt kraft. Oändliga möjligheter.



QUAD-CORE
CPU 2.4GHz



WI-FI &
BLUETOOTH



MICRO-HDMI
OUTPUT



LINUX
READY

Figure 1: An illustration of the Raspberry Pi 5's versatility, demonstrating its use in gaming, smart home applications, AI vision, and coding projects.

2. WHAT'S INCLUDED

Your db-tronic Raspberry Pi 5 4GB Starter Kit includes the following components:

- Raspberry Pi 5 4GB Single Board Computer
- Official 27W USB-C Power Supply
- Official Case with Integrated Fan
- 64GB Memory Card
- USB Card Reader for Memory Card
- Aluminum Heatsink
- 4K Micro-HDMI Cable (1 meter)
- High-quality db-tronic Packaging

ALLT DU BEHÖVER I EN BOX

Redo att använda direkt för kreativa projekt



Perfekt present



Figure 2: A visual representation of all items included in the kit: Raspberry Pi 5, power adapter, case, memory card, HDMI cable, and USB reader.

3. SETUP INSTRUCTIONS

Follow these steps to assemble and set up your Raspberry Pi 5 Starter Kit:

1. **Prepare the Memory Card:** Insert the 64GB memory card into the provided USB card reader. Connect the card reader to your computer. Download the desired operating system (e.g., Raspberry Pi OS) from the official Raspberry Pi website and use an imaging tool (like Raspberry Pi Imager) to write the OS to the memory card. Safely eject the card reader from your computer.
2. **Install Heatsink:** Carefully place the aluminum heatsink onto the main processor chip of the Raspberry Pi 5 board. Ensure it is securely attached for optimal heat dissipation.
3. **Assemble the Case:** Place the Raspberry Pi 5 board into the bottom part of the official case. Connect the integrated fan's power cable to the appropriate pins on the Raspberry Pi board (refer to the Raspberry Pi 5 documentation for exact pinout). Secure the top part of the case.
4. **Insert Memory Card:** Insert the prepared memory card into the microSD card slot on the Raspberry Pi 5 board.

5. **Connect Peripherals:**

- Connect your display to one of the Micro-HDMI ports using the provided 4K Micro-HDMI cable.
- Connect a USB keyboard and mouse to the USB 2.0 or USB 3.0 ports.
- If desired, connect an Ethernet cable to the Gigabit LAN port for wired network access.

6. **Power On:** Connect the official 27W USB-C power supply to the USB-C power input port on the Raspberry Pi 5. The device should automatically power on and begin booting the operating system.



Figure 3: Exploded view of the Raspberry Pi 5's cooling system, showing the integrated fan and aluminum heatsink within the official case.

MYCKET LAGRING

Inklusive 64 GB minneskort – upp till 100 MB/s

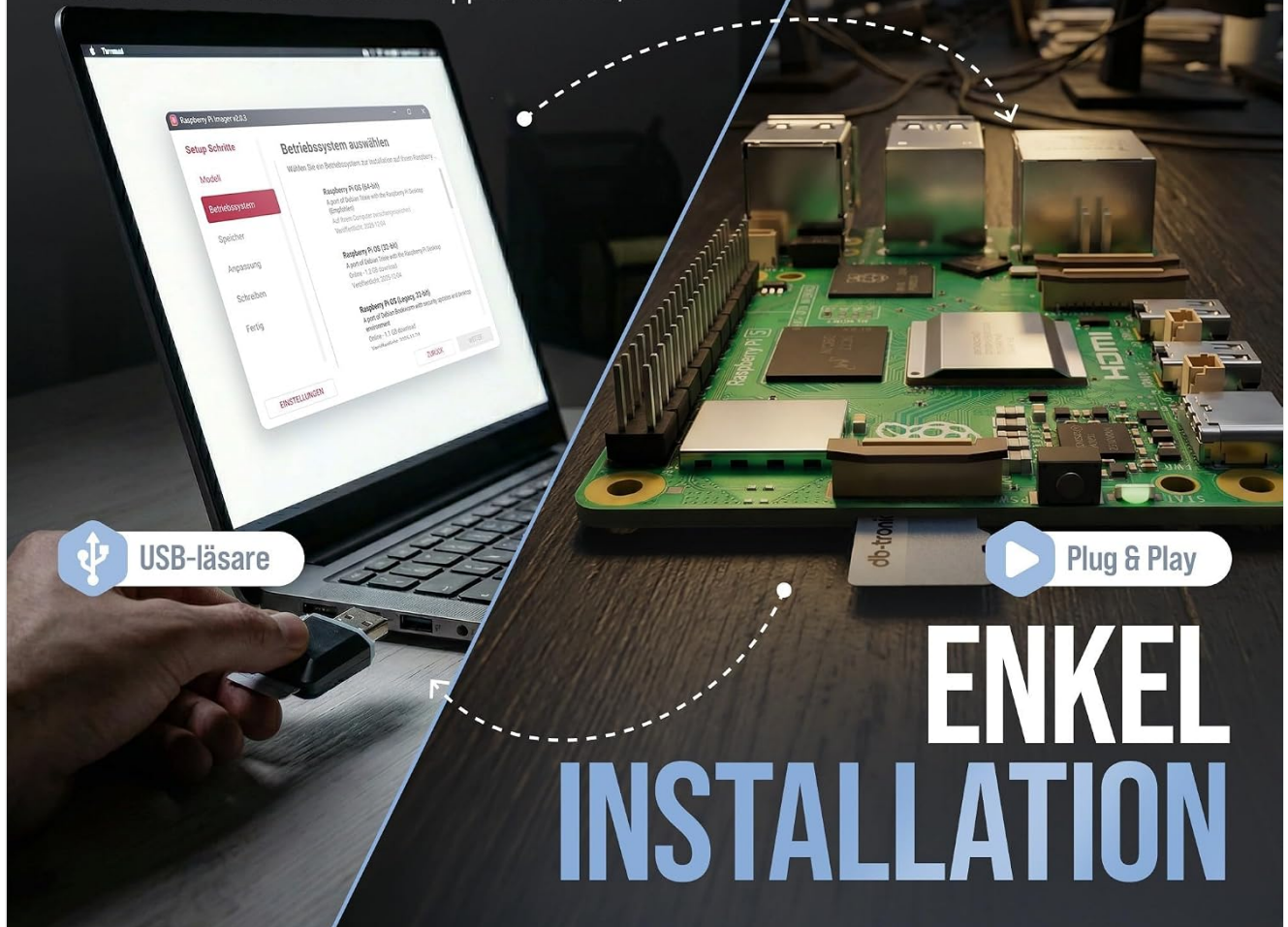


Figure 4: The included 64GB memory card and USB card reader, essential for installing the operating system.

4. OPERATING INSTRUCTIONS

Once your Raspberry Pi 5 is set up and powered on, you can begin using it:

- **First Boot:** The first boot may take a few minutes as the operating system initializes. Follow any on-screen prompts for initial setup, such as language, keyboard layout, and Wi-Fi configuration.
- **Desktop Environment:** The Raspberry Pi OS typically boots into a graphical desktop environment. You can navigate using your connected keyboard and mouse.
- **Network Connectivity:**
 - **Wi-Fi:** Connect to a wireless network via the network icon in the top right corner of the desktop.
 - **Ethernet:** If an Ethernet cable is connected, the Raspberry Pi 5 will automatically establish a wired network connection.
- **Software Updates:** It is recommended to regularly update your operating system and installed software. Open a terminal and run the commands: `sudo apt update` and `sudo apt full-upgrade`.

- **Shutting Down:** Always shut down your Raspberry Pi 5 properly to prevent data corruption. Use the graphical shutdown option from the desktop menu or open a terminal and type: `sudo shutdown -h now`.

A promotional graphic for the Raspberry Pi 5. It features a large monitor on a desk displaying a 4K landscape image. In the foreground, a Raspberry Pi 5 is connected to a red and white dock. The dock has a USB-C cable plugged into it. To the right of the dock, another Raspberry Pi 5 is shown, highlighting its ports. The background is a blurred office setting. The text 'UPPLEV OTROLIGT 4K-UPPLÖSNING' is prominently displayed at the top. Below it, the text 'Multimediakraft för arbete, lärande och underhållning' is shown. Three callout boxes highlight features: 'Två Micro-HDMI-portar för dubbla skärmar' (Two Micro-HDMI ports for dual displays), 'Wi-Fi och Bluetooth' (Wi-Fi and Bluetooth), and '2x USB 3.0, 2x USB 2.0 & Gigabit LAN för högsta hastighet' (2x USB 3.0, 2x USB 2.0 & Gigabit LAN for highest speed).

UPPLEV OTROLIGT 4K-UPPLÖSNING

Multimediakraft för arbete, lärande och underhållning

- Två Micro-HDMI-portar för dubbla skärmar
- Wi-Fi och Bluetooth
- 2x USB 3.0, 2x USB 2.0 & Gigabit LAN för högsta hastighet

Figure 5: The Raspberry Pi 5 connected to a monitor, demonstrating its capability for 4K resolution output and dual display support.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Raspberry Pi 5, consider the following maintenance tips:

- **Cooling:** The integrated fan and aluminum heatsink are crucial for maintaining optimal operating temperatures. Ensure the fan is unobstructed and clean any dust buildup periodically.
- **Software Updates:** Regularly update your operating system and applications to benefit from security patches, bug fixes, and new features.
- **Power Supply:** Always use the official 27W power supply provided with the kit. Using underpowered or non-compliant power supplies can lead to instability or damage.
- **Physical Environment:** Keep your Raspberry Pi 5 in a clean, dry environment, away from direct sunlight, excessive heat, and moisture.

- For Ethernet, verify the cable is connected and your router is functioning correctly.
- Restart your router and the Raspberry Pi 5.
- **Memory Card Errors:** If you experience frequent crashes or data corruption, the memory card might be faulty. Verify its integrity using a reliable disk utility on a computer. Consider re-imaging the OS or replacing the card if issues persist.

7. SPECIFICATIONS

Feature	Specification
Brand	db-tronic
Model Name	Raspberry Pi 5 4GB Kit
Installed RAM	4 GB LPDDR4X
Memory Storage Capacity	64 GB (Memory Card)
CPU Model	Broadcom Cortex-A76 (Quad-core)
CPU Speed	2.4 GHz
GPU	VideoCore VII
Connectivity Technology	WLAN (Wi-Fi), LAN (Gigabit Ethernet), Bluetooth
Operating System	Linux (e.g., Raspberry Pi OS)
USB Ports	2x USB 3.0, 2x USB 2.0
Video Output	2x Micro-HDMI (4K support)
Power Input	27W USB-C
Dimensions	8.7 cm x 5.6 cm (board)
UPC	799142190334

KRAFTFULL PRESTANDA I KOMPAKT FORMAT

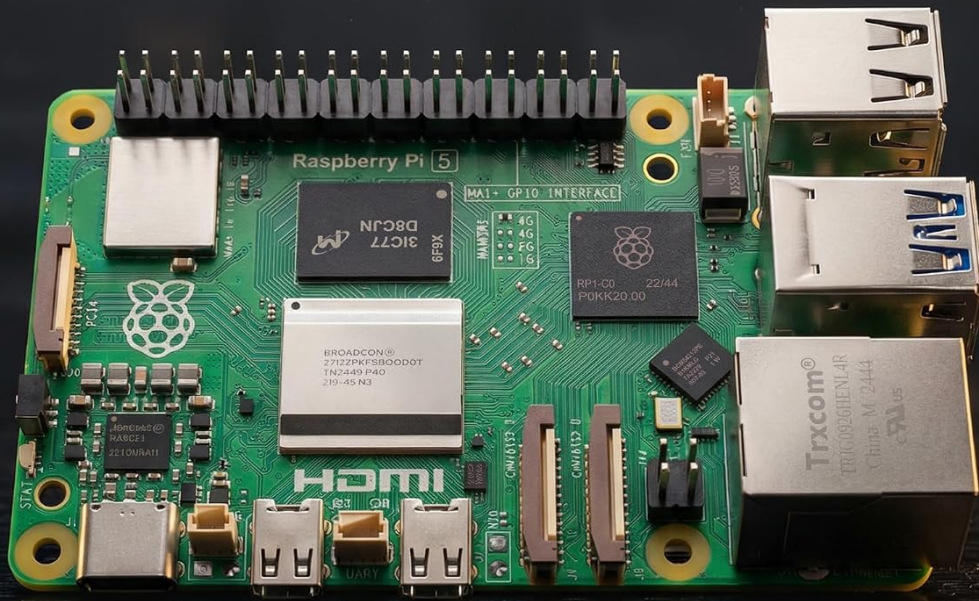
Motorn för ditt nya projekt får plats
i en hand. Din perfekta följeslagare
för DIY och teknik.



Figure 7: The compact size of the Raspberry Pi 5 board, with dimensions of 8.7 cm by 5.6 cm, shown next to a credit card for scale.

STABIL PRESTANDA, ULTRAKOMPAKT

Upplev upp till 3× högre prestanda än föregående generation!



**CPU: 2,4GHz
Quad-Core**



**RAM: 4GB
LPDDR4X-4267**



GPU: VideoCore VII

Figure 8: A detailed view of the Raspberry Pi 5 board, showcasing its quad-core 2.4GHz CPU, 4GB LPDDR4X RAM, and VideoCore VII GPU.

8. WARRANTY

The db-tronic Raspberry Pi 5 4GB Starter Kit comes with a **2-year warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

For warranty service, please contact db-tronic customer support with details of the issue and your purchase information.

9. SUPPORT

For further assistance, technical support, or to find additional resources, please visit the official db-tronic website or the Raspberry Pi community forums. These resources can provide detailed guides, software downloads, and community support for various projects and troubleshooting.

Always refer to the latest official documentation for the Raspberry Pi 5 for the most up-to-date information on

software, hardware, and best practices.

© 2026 db-tronic. All rights reserved. Raspberry Pi is a trademark of Raspberry Pi Ltd.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question