Item no.: 384176

EB5540 - Raspberry Pi 7" Touchscreen Display

from **79,56 EUR**

Item no.: 384176
shipping weight: 0.40 kg
Manufacturer: Raspberry Pi Foundation

Product Description

The Raspberry Pi 7" touchscreen displayTechnical data:- 7" touchscreen display- screen dimensions: 194mm x 110mm x 20mm (incl. spacer) - visible screen size: 155mm x 86mm - resolution 800 x 480 pixels - 10 finger capacitive touch - connection to Raspberry Pi with flat ribbon cable spacer)- visible screen size: 155mm x 86mm- resolution 800 x 480 pixels- 10 finger capacitive touch- connection to the Raspberry Pi with ribbon cable at the DSI port- adapter board converts signals from the display to the serial (DSI) port of the Raspberry Pi. Latest version of Raspbian is required.Features:The 7" touchscreen display, in combination with the Raspberry Pi, enables applications such as "All in one" PCs, tablets, infotainment systems and embedded projects. The 800 x 480 resolution display is connected to the Raspberry Pi via an adapter plate, which provides the power supply and signal conversion. Only two connections to the Pi are required:For the power supply via the GPIO port of the Piand a flat ribbon cable that connects the display to the DSI port of the Raspberry Pi.With the latest Raspbian OS version and the touchscreen "driver software", 10-finger touch and a virtual on-screen keyboard are supported. This means that even a physical keyboard or mouse can be dispensed with.- Operate the Raspberry Pi like a touch screen tablet, e.g. as an infotainment system or standalone PC device.- truly interactive - the latest software drivers support a virtual "on-screen" keyboard, so no conventional keyboard and mouse are required.- Create your own "Internet of Things" devices, including your own integrated optical display. Simply connect the display to your Raspberry Pi, develop your own (Python) applications to enable interactions via touch control. For example, you can equip and operate your own home automation devices with touchscreen functions.- A range of sample software and programmes are available online for you to quickly learn, easily develop and simply use the touch functions on your Raspberry Pi.Kit contents:- 7" touchscreen display- Adapter board- DSI ribbon cable- 4 x spacers and screws (for mounting the adapter board to the back of the Raspberry Pi)- 4 x switching wires (for power supply between adapter and GPIO pins of the Pi) The Raspberry Pi and a plug-in power supply are NOT included in the kit and are required separately!Compatible with:- Raspberry Pi 3 Model B- Raspberry Pi 2 Model B - Raspberry Pi Model B +- Raspberry Pi Model A + The display will also work with the Model A and Model B of the Raspberry Pi (using the DSI connector on the Pi), but the mounting holes on the back of the display are only compatible with the newer board design! (A+, B+ and Pi2) Getting Started and User Guide Software:Follow the instructions in the short accompanying HowTo to mount the Raspberry Pi with the touchscreen display: "How to mount the RPI touchscreen display",Download and install the latest version of the Raspbian operating system - available for download from the Raspberry Pi Foundation at: https://www.raspberrypi.org/downloads/After the initial installation, enter "sudo apt-get update" [Enter/Return] in the console, then:"sudo apt-get upgrade" [Enter/Return] and:"sudo rpi-update" [Enter/Return] in this order to install or update all current drivers and software modules. Only then will the touchscreen display be supported.Further useful information can be found at: www.element14.com/PiDisplay and https://www.raspberrypi.org/

Specifications

Scan this QR code to view the product
All details, up-to-date prices and availability