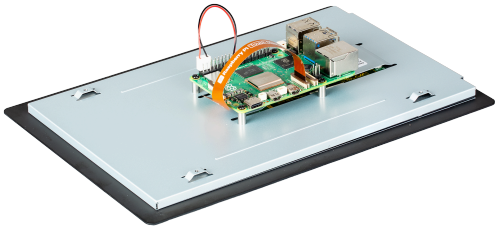
Raspberry Pi Touch Display 2 – 10" Portrait

Published August 2026



Overview





Raspberry Pi Touch Display 2 is a multi-touch portrait panel for Raspberry Pi. Ideal for interactive projects such as tablets, entertainment systems, and information dashboards, it is available in 5-inch, 7-inch, and 10-inch variants to suit a wide range of applications and end-device form factors.

On the 10-inch display, Raspberry Pi OS provides touchscreen drivers with support for ten-finger touch and an on-screen keyboard, giving you full functionality without the need to connect a keyboard or mouse.

Only two connections are required to connect the display to your Raspberry Pi: a power cable for the GPIO header and a ribbon cable for the DSI port. The 10-inch variant is supplied with a power cable, a mini-mini ribbon cable, and eight M2.5 mounting screws.

The 10-inch Raspberry Pi Touch Display 2 is compatible with Raspberry Pi 5 and Raspberry Pi Compute Modules only.

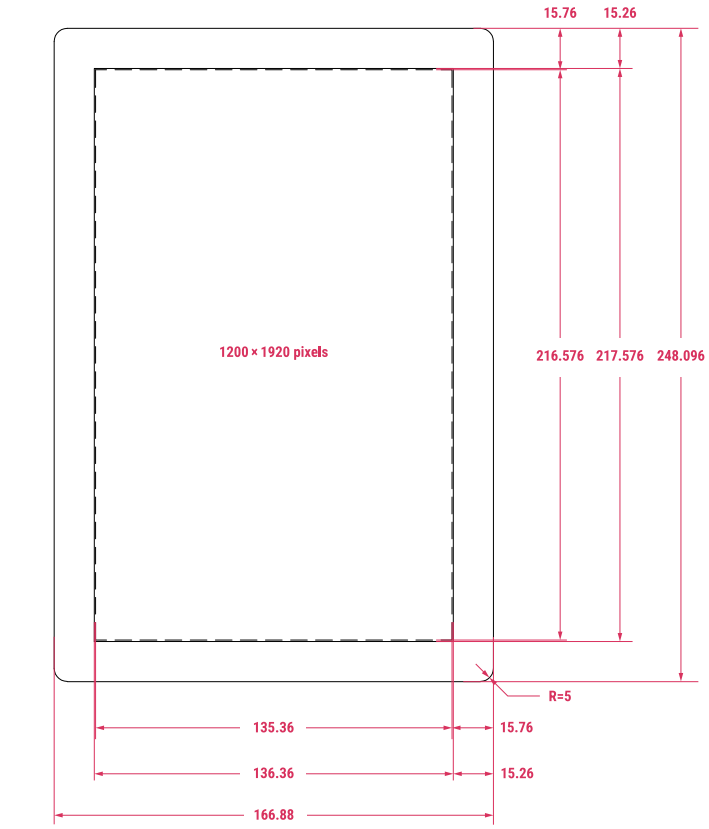
Note

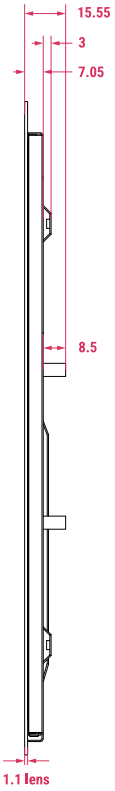
Raspberry Pi Compute Modules do not include a physical DSI port or GPIO header. To connect the display, pair them with a Raspberry Pi Compute Module IO Board or another compatible carrier board.

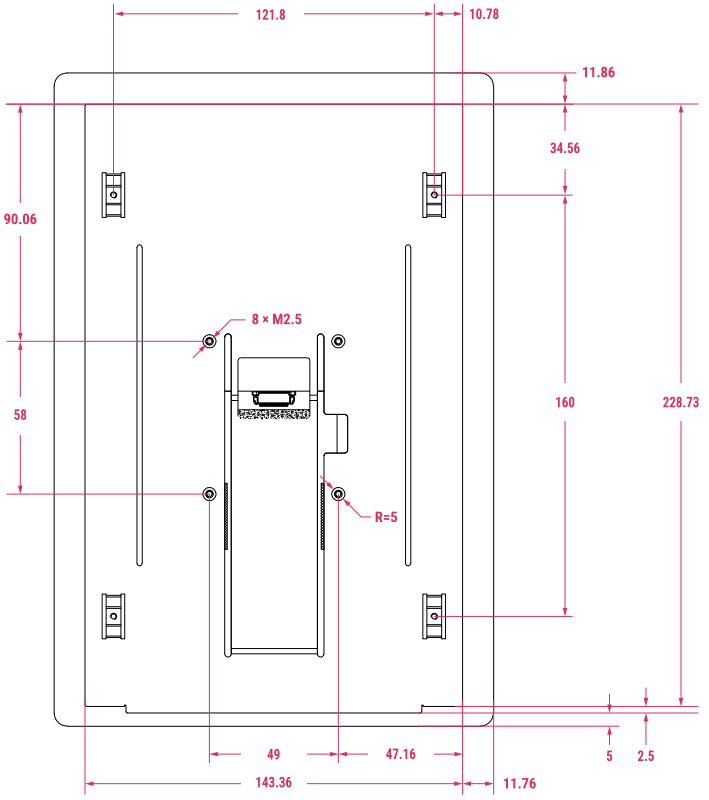
Specification

Display diagonal	10.1 inches
Unit size	166.9 mm × 248.1 mm
Active area	135.4 mm × 216.6 mm
Viewing angle	85 degrees
Display format	24-bit RGB 1200 × 1920 pixels Native portrait
Display type	True multi-touch capacitive touch panel supporting ten-finger touch In-plane switching thin-film transistor (IPS TFT) liquid-crystal display Normally black Transmissive
Touch response time	Max: 35 ms
Surface treatment	Anti-glare
Colour configuration	RGB-stripe
Backlight brightness	400 cd/m²
Operating temperature	−20°C to +70°C
Production lifetime	Raspberry Pi Touch Display 2 will remain in production until at least January 2030
Compliance	For a full list of local and regional product approvals, please visit pip.raspberrypi.com

Physical specification







Note:

All dimensions in mm

All dimensions are approximate and for reference purposes only. The dimensions shown should not be used for producing production data

The dimensions are subject to part and manufacturing tolerances

Dimensions may be subject to change

Safety warnings

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

- Before connecting the device, shut down your Raspberry Pi computer and disconnect it from external power.
- If the cable becomes detached, pull forward the locking mechanism on the connector, insert the ribbon cable with the metal contacts facing towards you, then push the locking mechanism back into place.
- This device should be operated in a dry environment at −20 to +70°C.
- Do not expose it to water or moisture, or place it on a conductive surface whilst in operation.
- Do not expose it to excessive heat from any source.
- Care should be taken not to fold or strain the ribbon cable.
- Care should be taken when screwing in parts. A cross-thread can cause irreparable damage and void the warranty.
- Take care whilst handling to avoid mechanical or electrical damage to the printed circuit board and connectors.
- Store in a cool, dry location.
- Avoid rapid changes of temperature, which can cause moisture to build up in the device.
- The display surface is fragile and has the potential to shatter.


16:54
Wastebasket
30°
Raspberry Pi Touch Display Cable
Standard – Mini



Raspberry Pi

Raspberry Pi is a trademark of Raspberry Pi Ltd

Raspberry Pi Ltd