

103990723 | Raspberry Pi Compute Module 5 IO Board

SKU: 103990723

Product Overview

The Raspberry Pi Compute Module 5 IO Board (CM5IO) is designed to assist in developing products using Raspberry Pi Compute Module 5. It includes many of the interfaces available on Raspberry Pi 5. The CM5IO can be used as a reference design for CM5 or directly as a product, with optional additions like M.2 M Key cards and Raspberry Pi HATs.

Features

Accepts the complete range of CM5 modules

External +5v USB-C PSU

Power button to wakeup and shutdown the CM5

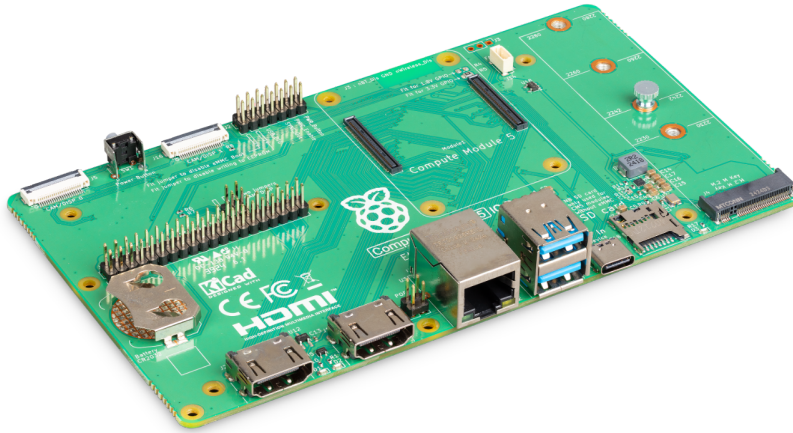
Gigabit Ethernet RJ45 with PoE support

HAT footprint with 40-pin GPIO connector

PoE header

Jumpers to disable features such as eMMC boot, EEPROM write, the power button, and the USB OTG connection

Product Image



Product image

Specifications

Form factor: 160 mm × 90 mm

Connectivity: ● Standard 40-pin GPIO header ● Gigabit Ethernet RJ45 with PoE+ HAT+ support 1 ● 2 × USB 3 sockets ●

microSD card socket for Compute Module 5 Lite modules ● M.2 M key PCIe socket ● 4-pin fan connector ● 2 × MIPI DSI/CSI-2

FPC connectors (22-pin 0.5 mm pitch cable) ● Raspberry Pi HAT+ connector ● RTC battery socket

Video: 2 × full-size HDMI 2.0 connectors

Input power: External +5V USB-C PSU Power button to wake and shut down Compute Module 5

MTBF2 Ground Benign: 131 000 hours

Production lifetime: The Raspberry Pi Compute Module 5 IO Board will remain in production until at least January 2028

Compliance: For a full list of local and regional product approvals, please visit pip.raspberrypi.com

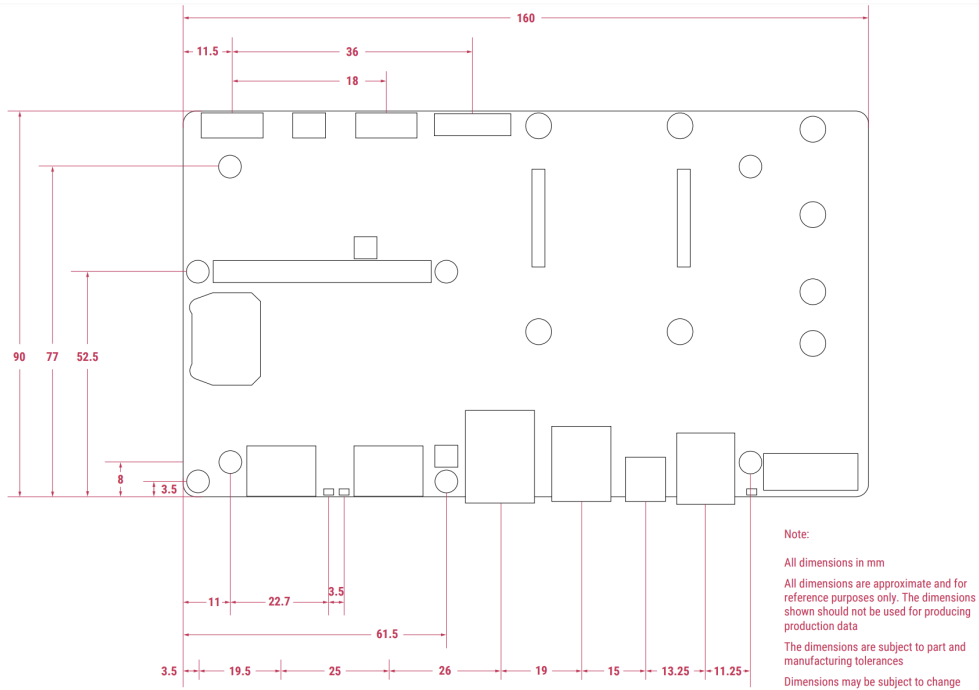
Seeed Technology Co.,Ltd.

9F, Building G3, International E City,
Zhongshanyuan Road,
Nanshan, Shenzhen, China

Contact:

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com

Hardware Overview



Hardware overview image

Seeed Technology Co.,Ltd.

9F, Building G3, International E City,
 Zhongshanyuan Road,
 Nanshan, Shenzhen, China

Contact:

Tel: +86 0755-80695676
 Web: www.seeed.cc
 Shop: www.seeedstudio.com