



Raspberry Pi Compute Module 4

PCN 31 – Alternative sources of RAM

Colophon

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Release	4
Build date	30/04/2026
Build version	003b230f7390

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Document version history

Release	Date	Description
1	17 Jun 2025	Initial release
2	5 Feb 2026	Update to cover all current RAM manufacturers
3	18 Feb 2026	Add Winbond W66DP2RQQAHI
4	30 Apr 2026	Update firmware date

Product Change Notification

Notification ID

31

Notification date

r1. 17 June 2025

r2. 5 Feb 2026

r3. 18 Feb 2026

r4. 30 Apr 2026

Title

Notification of alternative sources of RAM devices for Raspberry Pi Compute Module 4.

Products Affected

Raspberry Pi Compute Module 4

Reason for Change

To improve long term availability of RAM parts.

Change Description

Multiple sources of RAM devices have been qualified for use on the Raspberry Pi Compute Module 4.

Manufacturer	Part number	Size
Rayson	RS256M32LZ4D2BNP-62BT	1GB
Rayson	RS256M32LH4D1ANR-53BT	1GB
Rayson	RS256M32LN4D2ANR-53BT	1GB
Rayson	RS1G32LV4D2BDS-46BT	4GB
Winbond	W66DP2RQQAHJ	1GB

Raspberry Pi Ltd have extensively tested and qualified these devices and they closely match the original parts in terms of specification and performance.

Mechanical (Form, Fit, Function) Changes

None

Electrical

None

Software/Firmware Changes Required

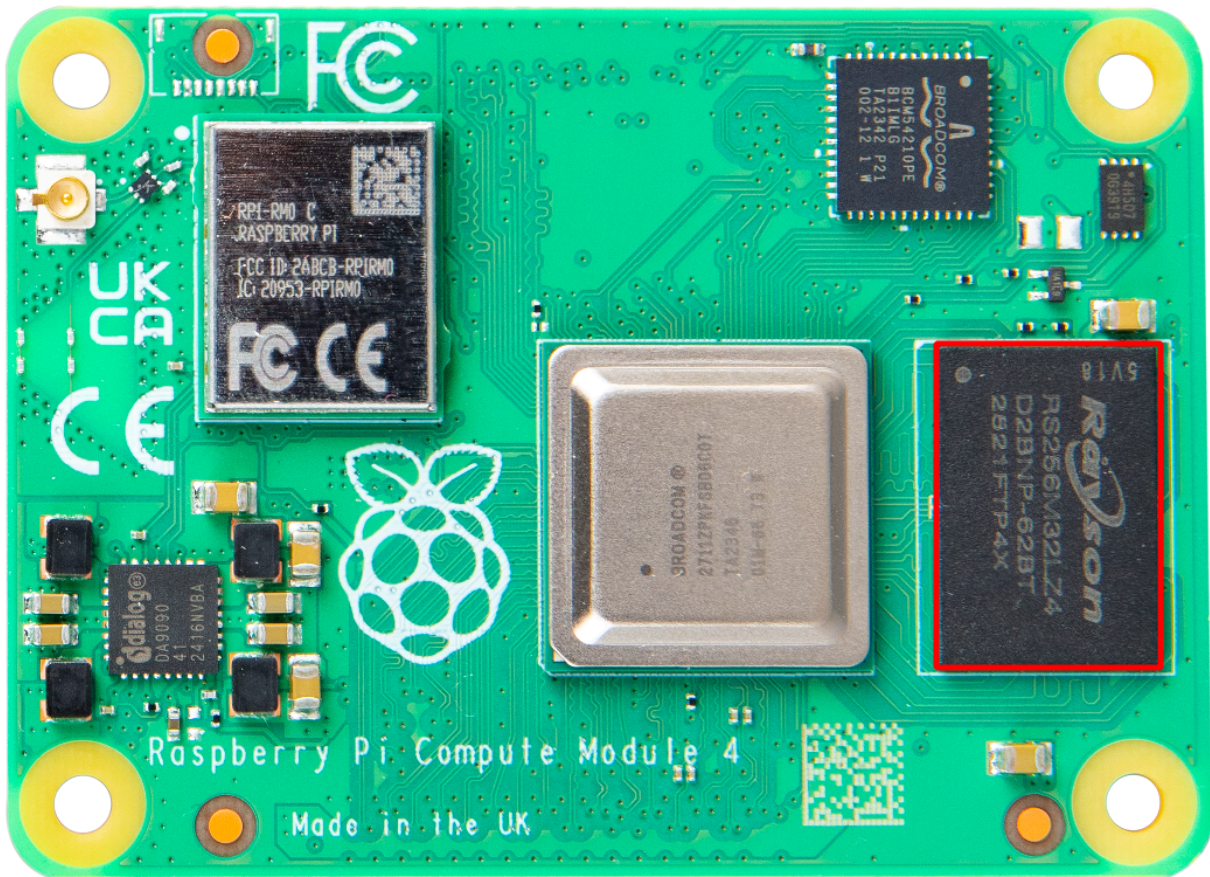
This new product revision is supported in firmware versions from 14 Apr 2026 onwards.

Introduction Date(s)

The new devices will start to be used from Jan 2026. All devices will continue to be used for production after this date.

Identification Method to Distinguish Change

The changed product can be distinguished by examination of the RAM chip device as shown by the highlighted Rayson part in the diagram below.



Contact us for more information

Please contact applications@raspberrypi.com if you have any queries about this PCN.

Web: www.raspberrypi.com



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