



Raspberry Pi Compute Module 4 SODIMM

PCN 37 – Alternative sources of RAM

Colophon

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Release	5
Build date	23/07/2026
Build version	b6ecefab8990

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Document version history

Release	Date	Description
1	5 Feb 2026	First release
2	6 Feb 2026	Fix an incorrect transition date
3	18 Feb 2026	Add Winbond W66DP2RQQA HJ
4	1 Jun 2026	Add Rayson RS2G32LV4D4BDT-46BT, RS1G32LV4D2BDS-46BT, RS512M32LO4D1BDS-53BT, RS512M32LM4D2BDS-53BT-D and Micron MT53D512M32D2DS-053 WTD
5	22 Jul 2026	Add Kowin KAL4M34DCAYF-C00, KAL4M55DCAYF-C00, Rayson RS768M32LP4D2BDS and TWSC TEL4XMA32ACX-32G

Product Change Notification

Notification ID

37

Notification date

r1. 5 Feb 2026
r2. 6 Feb 2026
r3. 18 Feb 2026
r4. 1 Jun 2026
r5. 22 Jul 2026

Title

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

Products Affected

Raspberry Pi Compute Module 4 SODIMM

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 SODIMM.

Manufacturer	Part number	Size
Rayson	RS256M32LZ4D2BNP-62BT	1GB
Rayson	RS256M32LN4D2ANR-53BT	1GB
Winbond	W66DP2RQQA HJ	1GB
Rayson	RS256M32LH4D1ANR-53BT	1GB
Rayson	RS2G32LV4D4BDT-46BT	8GB
Micron	MT53D512M32D2DS-053 WTD	2GB
Rayson	RS1G32LV4D2BDS-46BT	4GB
Rayson	RS512M32LO4D1BDS-53BT	2GB
Rayson	RS512M32LM4D2BDS-53BT-D	2GB
Kowin	KAL4M34DCAYF-C00	2GB
Kowin	KAL4M55DCAYF-C00	4GB
TWSC	TEL4XMA32ACX-32G	4GB
Rayson	RS768M32LP4D2BDS-46BT	3GB

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 17 May 2026 onwards.

If you are using the Windows `rpiboot` installer, please ensure you use version 1.1 or later.

If you are using `rpiboot` on Linux, please ensure you are using version 20260603 182203 or later.

If you are using `rpi_sb_provisioner` please use version 2.3.0 or later.

Introduction Date(s)

The new devices will start to be used from Feb 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 in the diagram below.



Contact us for more information

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