

Release Notes

Fortec Integrated

Artista-M4 Raspbian

Industrial ARM platform based on Raspberry Pi CM5

PA-45-XXX

Version 1.0.0

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1 Revision History

Date	Rev. No.	Description	Page
16.10.2025	1.0.0	Initial release Add firmware version 1.0.0	all

2 Firmware Release History

This section lists all Artista-M4 firmware releases.

2.1 Firmware version: 1.0.0

Exact firmware version: 1.0.0.b0e64c1

Release date: 16.10.2025

Name of archive file containing Artista-M4 firmware image:

- Compute Module: CM5_Artista-M4_RaspiOS_v1.0.0.b0e64c1.7z
- SD Card: -

It can be installed on board configuration:

- PA-45-XXX Artista-M4

Based on:

- Name: Raspbian Bookworm
- Version: May 2025

Notes:

- This is the initial firmware release for Artista-M4 based on CM5
- Image derived from ArtistaM4 for CM4 v1.4.1
- Based on Bookworm Debian 12
- List of Supported devices

Device or Supplier:	IDs
EDIMAX AC600 - EW7811UTC	ID 7392:A812
EDIMAX N150 - EW7811Un V2	ID 7392:B811
EDIMAX N150 - EW7811Un	ID 7392:7811
Edimax	ID 7392:D811 ID 7392:C811
Realtek	ID 0BDA:B812 ID 0BDA:B81A ID 0BDA:B82C ID 0BDA:B82B ID 0BDA:B820 ID 0BDA:C821

	ID 0BDA:C820 ID 0BDA:C82A ID 0BDA:C82B ID 0BDA:C811 ID 0BDA:8811 ID 0BDA:2006 ID 0BDA:8731 ID 0BDA:C80C
TP-Link 150Mbps - TL-WN725N	ID 0BDA:8179
TP-Link AC600 - Archer T2U Plus	ID 357:0120
ASUS - USB-N10NANO	ID 0B05:17BA
ASUS AC600 - USB-AC51	ID 0B05:17D1
DLOCK 433Mbps Realtek - 11ac	ID 0BDA:A811
DLOCK 150Mbps Realtek - 11b/g/n	ID 0BDA:A811
DLOCK 802IIN 150Mbps - X0011WQSRX	ID 148f:5370
Logi Link 150Mbps - WL0084E	ID 0bda:8179
D-LinK	ID 2001:331d
Lite On	ID 04CA:8602
Elecom	ID 056E:4011
Netgear A6150	ID 0846:9055
ASUS AC1300 USB-AC55 B1	ID 0B05:1841
ASUS U2	ID 0B05:184C
ASUS	ID 0B05:1870 ID 0B05:1874
ASUS - USB-AC58 rev A1	ID 0B05:19AA
CCNC	ID 0BDA:2102
Hawking HW12ACU	ID 0E66:0025
Alpha - Linksys	ID 13B1:0043
Linksys WUSB3600 v2	ID 13B1:0045
Dlink - DWA-182 - D1	ID 2001:331E
Dlink - DWA-181	ID 2001:331C
Dlink - DWA-183 - D	ID 2001:331F
TRENDnet TEW-805UBH	ID 20F4:805A
TRENDnet TEW-808UBM	ID 20F4:808A
TP-Link Archer T4U V3	ID 2357:0115
TP-Link Archer T3U v1	ID 2357:012D
TP-Link Archer T3U Plus v1	ID 2357:0138
TP-LINK	ID 2357:012E ID 2357:0117 ID 2357:0116
Mercusys MA30H	ID 2C4E:0107
Edimax	ID 7392:B822 ID 7392:C822 ID 7392:D822

	ID 7392:E822 ID 7392:F822
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Changes:

- UART instances as well as I2C instances was changed
- Gpio26 should be pulled up to use IR sensor

2.3 Known Issues of latest Firmware Version

This section lists all known issues of the latest Artista-M4 firmware version.

2.1.1 2.3.1 Tiny OSD Menu – FlashBar

The FlashBar is not functional due to path change. It needs to be redeveloped

Our company network supports you worldwide with offices in Germany, Austria, Switzerland, the UK and the USA. For more information please contact:

FORTEC

GROUP

FORTEC Elektronik AG | Augsburger Straße 2b | 82110 Germering
+49 89 894450-0
info@fortecag.de | www.fortecag.de

FORTEC

INTEGRATED

FORTEC Integrated GmbH | Augsburger Straße 2b | 82110 Germering
+49 89 894363-0
info@fortec-integrated.de | www.fortec-integrated.de

FORTEC

POWER

FORTEC Power GmbH | Lise-Meitner-Straße 3 | 64560 Riedstadt
+49 6158 8285-0
weborder@fortec-power.de | www.fortec-power.de

FORTEC

EGYPT

FORTEC Electronic Design and Solution Egypt SMLC | Linx Business Park
Unit B318 | Smart Village | Giza Governorate
info@fortec-integrated.de | www.fortec-integrated.de

Autronic Steuer- und Regeltechnik GmbH | Siemensstraße 17
74343 Sachsenheim
+49 7147 24-0
vertrieb@autronic.de | www.autronic.de

FORTEC

CZECH REPUBLIC

FORTEC Czech Republic s.r.o. | Přátelství 275 | 330 02 Dýšina
+49 89 894363-0
info@fortec.cz | www.fortec.cz

FORTEC

UNITED STATES

FORTEC United States, Corp. | 87 Raynor Avenue Unit 1 | Ronkonkoma
NY | 11779 | +1 631 5804360
info@fortec.us | www.fortec.us

FORTEC

SWITZERLAND

FORTEC

UNITED KINGDOM