REVOLUTION PI

6/2/2022

Release Notes
Buster for RevPi Core, RevPi Connect,
RevPi Compact and RevPi Flat
KUNBUS GmbH

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1 Release Notes Buster 05/2022

Raspberry Pi OS Buster

Our image is based on the Raspberry Pi OS 2022-01-28, which is based on Buster. Therefore, some basic operating system features remain identical (e.g., suite of the APT repository, system identification in the `/etc/issue`file). For more details about the Raspberry Pi OS updates, have a look at https://downloads.raspberrypi.org/raspios_oldstable_armhf/release_notes.txt .

Based on the Raspberry Pi OS, we made adjustments, including removing unnecessary packages, upgrading the packages with APT repositories, and installing customized packages from KUNBUS. For more details, visit https://github.com/RevolutionPi/imagebakery .

The image includes all package updates released until May 2022, and it comes with kernel 5.10.103-rt62.

Third-party Software

No updates.

logi-rts

logi-rts is available in version 5.0.0-4. The non-interactive installation of the package is fixed with this version and is working properly now.

python3-revpimodio2

python-revpimodio2 is available in version 2.5.10. Several bugs have been fixed since version 2.5.7. For more details, visit https://github.com/RevolutionPi/revpimodio2/blob/master/debian/changelog .

pictory

pictory is available in version 2.0.6. The used Javascript libraries have been updated. Devices equipped with the Compute Module 4S (Connect S/SE and Core S/SE) are now supported.

Non-configurable IOs for internal use are removed in several device types. Problems with serialization of gateways via the piBridge are fixed.

revpi-webstatus

revpi-webstatus is available in version 2.0.4-1. The used Javascript libraries have been updated.

revpi bluetooth

revpi-bluetooth is available in version 1.0.3-1. Devices with the Compute Module 4S are also supported now.

piserial

piserial is available in version 2.1.0-2. Internally, it has been switched from net-tools to iproute2. Connect SE and Core SE are supported as new devices. To avoid misleading error messages, the option to change the MAC address during factory reset without rebooting is removed.

nodejs

nodejs is available in version 14.19.1. For more details, visit https://nodejs.org/en/blog/release/v14.19.1/ .

raspberrypi kernel

raspberrypi-kernel is available in version 9.20220524-5.10.103+revpi1. For more details, visit https://github.com/RevolutionPi/kernelbakery/blob/master/debian/changelog .

revpi-modbus

revpi-modbus packages are available in version 1.0.11-1. Fixed a race condition during Modbus service initialization that started the service before the associated device was ready for it. This had led to the freezing of the service.

noderedrevpinodes-server and node-red-contrib-revpi-nodes

Node-RED Server is available in version 1.0.4., the Nodes package in version 1.0.9. This fixes a memory leak and improves stability in the connection between server and clients. https://revolutionpi.de/forum/viewtopic.php?t=3373

revpi-tools

revpi-bluetooth is available in version 1.0.16-1. Connect SE and Core SE are supported as new devices. Portability and security of the tools have been improved.

revpipyload

revpipyload is available in version 0.9.7. For more details, visit https://github.com/naruxde/revpipyload/commits/master .