
Release Notes

RevPi Trixie 13.0

REVOLUTION PI
a **KUNBUS** brand

2026-07-27

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Release Notes RevPi Trixie 13.0

RevPi Trixie 13.0 is based on Debian 13 (Trixie) and includes packages from Raspberry Pi OS.

The image contains all package updates that were released in the Debian, Raspberry Pi OS, and Revolution Pi package sources up to 2026-07-27. It uses kernel 6.18.37.

Known Issues

- Log entries from `/etc/udev/rules.d/99-com.rules:7` `Unknown group 'X', ignoring` with the value `gpio`, `spi` and `i2c`. Raspberry Pi packages assume that these groups are present. This error does not cause any issues on the Revolution Pi system, see also [Revolution Pi Forum](#).

Image Changes

- The ethernet interfaces followed the naming schema “ethX”, where X is a number, until Bookworm. Starting with RevPi Trixie this naming schema is now “lanX”. This change increases the reliability of the network interface names.
- After manually flashing an image onto a RevPi it was previously required to login with the default password to finish the device initialization. This is no longer necessary on RevPi Trixie for devices with a HAT EEPROM. These devices will immediately be ready for login with the device specific password.
- The default password for the user `pi` changed from `raspberry` (bookworm and earlier) to `revolutionpi`. This password is only relevant after manual flashing of a RevPi without a HAT EEPROM.
- `revpipylload` is disabled by default. It can be enabled via the Cockpit service tab or via `systemctl enable --now revpipylload`.

Package Versions

linux-image-revpi-v8_6.18.37-revpi0-1+deb13+1

- Update to Linux 6.18.37
- The kernel ring buffer can only be viewed with root privileges using the `dmesg` command.
- All CPU scaling governors except the “performance” governor are deactivated.

pictory_2.17.0-1+deb13+1

- Adaption to client/server Modbus terminology

picontrol_2.8.0-1+deb13+1

- The cycle time has been stabilized.
- The initial configuration of the protocol for RevPi expansion modules has been stabilized.
- The `RevPiStatus` variable contains information about missing RevPi expansion modules.

revpi-modbus-client_2.0.0-1+deb13+1, revpi-modbus-server_2.0.0-1+deb13+1

- Adaption to client/server terminology

revpi-base-files_4.0.0-1+deb13+1

- `systemd-journald` stores a maximum of 128 MB of logs.
- `sysctl` settings are moved to the package `revpi-tuned-configs`.

revpi-cert-wizard_1:2.6.0-1+deb13+1

- Replace deprecated OpenSSL dependency with the cryptography library.

revpi-tools_6.0.0-1+deb13+1

- `revpi-factory-reset` now accepts a `-f` parameter (force) to force a repeated `revpi-factory-reset`.
- `revpi-factory-reset` errors are written to the system log.
- Controlling Modbus devices via `revpi-config` now uses the `pimodbus-client` command.

revpi-tuned-configs_0.2.0-1+deb13+1

- New package `revpi-tuned-configs`
- A new `TuneD` configuration is installed that is activated by default and tailored to a RevPi. This consolidates some options into the new profile `revpi-realtime`.

revpipylload_0.11.1-1+deb13+1

- Security fixes: CVE-2026-57471, CVE-2026-57472

Installation / Upgrade Guide

Notes for the installation and upgrade from RevPi Bookworm to RevPi Trixie are available in our documentation:

<https://revolutionpi.com/en/docs/revpi-trixie>