



Arm Virtual Hardware Updates

Version 1.0

Knowledge Base Article

Non-Confidential

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Release information

Document history

Issue	Date	Confidentiality	Change
0100-01	21 September 2022	Non-Confidential	First release

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1. Release 3.10

May 16, 2022

Our latest release adds website improvements including an updated login process, new device sensors and LEDs, and a user profile page.

- Responsive design enhancements to the front end
- Added modal reporting for user during error states
- Enhanced stability for VMs during deployment
- Redesigned landing page and SSO login sequence
- New line buffered echo feature for STM32U5 devices
- New switches, LEDs, and buttons for STM32U5 devices
- New LED functionality for iMX8m devices
- Improved behavior for devices without video screens
- Added user profile page

2. Release 3.11

July 7, 2022

This release adds Quick Connect SSH tunneling, camera and microphone support, custom kernels for i.M X8M devices, and increased Raspberry Pi 4 storage.

- New Quick Connect feature enables SSH without a VPN connection
- Add camera and microphone support for i.M X8M devices
- Add microphone support for STM23U5 devices
- Add custom kernel support for i.M X8M devices
- Add video file playback support through the camera for i.M X8M devices
- Increased disk partition size for Raspberry Pi 4 devices
- Fixed support for the `shutdown` command on Raspberry Pi 4 devices
- Updates to the JavaScript and Python APIs
- Various fixes and improvements to the user interface