

Release Notes for Debian on VisionFive 2

What's New

- Supported SBC: VF2 v1.2A
- Based on Linux kernel 5.15 (VisionFive2 Software tag: v2.3.0);
- Supported xfce4 desktop;
- Added Libre Office V7.3.4.2
- Added NWjs module version 0.65.1
- Added Firefox 105.0 Development build
- Added Qt 5.15.2
- Added ffmpeg 4.4.1
- Added ffmpeg vpu driver with source
- Added GStreamer version 1.18.5

Known Issues / Limitation

- Auto-selection of 4GB/8GB ddr in uboot
- Eth0 cannot be assigned IP address
- Mosaic pictures after login
- Mosaic cursor
- xeginfo crashes X server
- Qt modules qtwebengine failed to build
- Firefox hardware acceleration is not working
- Libreoffice When opening Forms or Tables in an .odb file, there would be an error "The connection to the data source could not be established."
- HDMI Audio not working
- NWjs Filesystem access APIs failed.
- NWjs mp3 encoder failed to be detected
- Failure on dual display [MIPI+HDMI]
- 4K monitor does not display properly
- Boot flow(boot from SD or eMMC) are not supported yet
- Kernel crash when on high usage;

Fixed Issues

- NWjs libnode needs to be compiled with debug mode
- ffmpeg omx_hevc decode for 4K 3840*2160 occasionally fails
- ffplay decode and display using hard omx decoder will crash after a few second

History

v1.0:

1. Release Debian image(**starfive-jh7110-VF2-VF2_515_v2.3.0-55.img**)
2. Update known&fixed issues;