



MaaXBoard Mini Linux Yocto Release Note v2.0

Release History

Rev.	Note	Date	Author
V1.0	MaaXBoard Mini Linux Shipment Image-Yocto-Lite-V1.0.0r01 Release	2020/9/4	Paul
V1.1	MaaXBoard Mini Linux Shipment Image-Yocto-Lite-V1.1.0r03 Release	2021/3/22	Paul
V2.0	MaaXBoard Mini Release Based on Linux Yocto Langdale(4.1)	2023/7/14	Lily

Product Overview Introduction

- Software provides Yocto layers supporting MaaXBoard Mini Device to build customized Linux Distro / Image.
- An evaluation image with Weston Desktop.

Release Version

MaaXBoard-Mini-Linux-Yocto-ReleaseNote-V2.0	
Avnet board name	MaaXBoard-Mini
Based on NXP bsp Version	lf-6.1.1-1.0.0
Based on Hardware Version	V1.1 for eMMC version & V1.0 for SD card version
Release Date	2023/07/14
Release Description	Release for updating NXP bsp version to lf-6.1.1-1.0.0
Image Type	Yocto
Based on Yocto Version	Langdale(4.1)
Pre-built Image	avnet-image-full-maaxboard-mini-20230711025928.rootfs.wic
Manifest	avnet-image-full-maaxboard-mini-20230711025928.rootfs.manifest
Bootloader Image	u-boot-imx8m-mini.imx

Feature List

MaaXBoard-Mini-Linux-Yocto-V2.0 Feature List	
Development Based on	NXP i.MX 8M Mini
Based on NXP bsp Version	If-6.1.1-1.0.0
Image Type	Yocto Image
Yocto Version	Langdale(4.1)
U-Boot Version	2022.04
Kernel Version	6.1.1
Boot	eMMC/SDcard boot
Device-tree	Device-tree Overlay supported
Desktop	Weston 11.0
network	100M Ethernet (RJ45)
USB	4 x USB 2.0 Host & Device
Expansion Interface	Pi HAT 40 Pin Expansion Interface (I2C,UART,SPI, PWM and GPIO)
Wireless Communication	WIFI & BLE 4.1
Display Output	MIPI-DSI display
Audio	Support Bluetooth Audio Device
Camera	MIPI-CSI Camera/USB Camera

Known issues and Limitations

Issue Identifier	Issue Description	Workaround

Other

- None.