

MAAXBOARD-OSM93

YOCTO LINUX BSP RELEASE NOTE

Product Overview Introduction

- Software provides Yocto layers supporting MaaXBoard Osm93 Device to build customized Linux Distro / Image.
- An evaluation image with Weston Desktop.

Release Version

MaaXBoard-OSM93 Yocto Release Note	
Avnet board name	MaaXBoard-OSM93
Based on NXP BSP version	lf-6.6.52-2.2.0
Based on Hardware version	V3.0 (A2 silicon)
Release Date	2025/8/1
Release Description	Update kernel to lf-6.6.52-2.2.0, Yocto to Scarthgap
Image Type	Yocto
Based on Yocto version	Scarthgap
Pre-built Image	avnet-image-full-maaxboard-osm93.rootfs-20250731131546.wic
Manifest	avnet-image-full-maaxboard-osm93.rootfs-20250731131546.wic.manifest
Bootloader Image	u-boot-maaxboard-osm93.imx

Feature List

MaaXBoard-Osm93-Yocto Feature List	
Development Based on	NXP i.MX93
Based on NXP bsp version	imx-6.6.52-2.2.0
Image Type	Yocto image
Yocto Version	scarthgap
U-Boot Version	2024.04
Kernel Version	6.6.52

Boot	eMMC boot
Device-tree	Device-tree Overlay supported
Desktop	Weston 12.0
network	2 x 1 Gbps Ethernet (RJ45)
USB	2 x host type A 1 x host type-C, 1 x device type-C
Expansion Interface	Pi HAT 40 Pin Expansion Interface (I2C,UART,SPI and GPIO)
Wireless Communication	WIFI & BLE 5.3
Display Output	MIPI-DSI display
Audio	6-pin SAI digital audio header
Camera	MIPI-CSI Camera/USB camera

Known issues and Limitations

Issue Identifier	Issue Description	Workaround
1		

Other

- None.