

DART-MX8M Yocto Sumo v2.0 release notes	
Based on release	Yocto: Poky 2.5, BSP: NXP Sumo BSP L4.14.98-2.0.0_ga, Linux: Freescale imx_4.14.98-2.0.0_ga
Nature of release	Variscite Yocto Sumo i.MX8M Release V2.0
Date	10/22/2019
Supported platform	DART-MX8M
SOM revision	v1.1 and higher
Carrier board revision	v1.1 and higher
Variscite BSP git	https://github.com/varigit/meta-variscite-imx
Variscite BSP branch	sumo-imx-4.14.98-var01
Variscite BSP commit ID	2f892aa9439400457fe10f5a6b47790a4b2b42c2
Kernel git	https://github.com/varigit/linux-imx
Kernel branch	imx_4.14.98_2.0.0_ga_var01
Kernel commit ID	d3016a9492664559fc592b7ca1b647779adc58c2
U-Boot git	https://github.com/varigit/uboot-imx
U-Boot branch	imx_v2018.03_4.14.98_2.0.0_ga_var01
U-Boot commit ID	8bdaa6a2f52bcfdb6bebf2ee3e14adaff90125
File system	Yocto Sumo
Recovery SD card link	dart-mx8m-recovery-sd.v30.img.gz
Change list	Description
Release 2.0	
Upgraded to NXP BSP release 4.14.98_2.0.0_ga	
Upgraded WIFI and BT firmware to Laird release 7.0.0.142	
Added Display Port support	
Reworked memory allocation for M4	M4 is now usable with all supported RAM sizes
Known issues	Description
Dual display mode does not work properly	Known problem in original NXP kernel branch imx_4.14.98_2.0.0_ga