

## VAR-SOM-MX8 / SPEAR-MX8 Yocto Sumo v1.5 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.MX8QM Release V1.5
Date	10/16/2019
Supported platform	VAR-SOM-MX8/SPEAR-MX8
SOM revision	v1.1 and higher
Carrier board revision	v1.1 and higher
Variscite BSP git	<a href="https://github.com/varigit/meta-variscite-imx">https://github.com/varigit/meta-variscite-imx</a>
Variscite BSP branch	sumo-imx-4.14.98-var01
Variscite BSP commit ID	2f4659e91e56111026e0a868a7bf1211780d4700
Kernel git	<a href="https://github.com/varigit/linux-imx">https://github.com/varigit/linux-imx</a>
Kernel branch	imx_4.14.98_2.0.0_ga_var01
Kernel commit ID	018cd197a37303017d65cb0bdf96f1cb8a58ce3
U-Boot git	<a href="https://github.com/varigit/uboot-imx">https://github.com/varigit/uboot-imx</a>
U-Boot branch	imx_v2018.03_4.14.98_2.0.0_ga_var01
U-Boot commit ID	930e168d48ea6429b32ccabcf97afc737cab56e2
File System build system	Yocto Sumo
Recovery SD card link	<a href="var-som-mx8-recovery-sd.v15.img.gz">var-som-mx8-recovery-sd.v15.img.gz</a>
<b>Change list</b>	<b>Description</b>
<a href="#">Release 1.5</a>	
Added Android support for SPEAR-MX8	
Fixed capacitive touch interrupt for VAR-SOM-MX8	Fixes capacitive touch on Symphony board v1.2, backwards compatible with older Symphony revisions
<a href="#">Release 1.4</a>	
Added Yocto support for SPEAR-MX8	
<a href="#">Release 1.3</a>	
Added Android support for VAR-SOM-MX8	
<a href="#">Release 1.2</a>	
Added HDMI and DP support for VAR-SOM-MX8	HDMI and DP displays are now supported via Variscite extension modules
Fixed DRAM instability problem	Updated to latest NXP ATF release that fixes Cortex A72 cache configuration
Disabled U-Boot splash on LVDS display	Fixes U-Boot hang on reboot when HDMI or DP displays are connected
Fixed occasional WIFI driver crashes on reboot/poweroff	Do not stop Variscite WIFI service or reboot/poweroff as this causes occasional WIFI driver crashes
<a href="#">Release 1.1</a>	
Initial Yocto release for VAR-SOM-MX8	
<b>Known issues</b>	
SATA is disabled on SPEAR-MX8	i.MX8QM SATA support in Linux is currently not stable, disabled in DTS
USB Type-A ports are not supported in U-Boot on SPEAR-MX8	