

IPMI Firmware / BIOS Release Notes Form

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Product Name	X11SPi-TF
Release Version	2.1
Release Date	6/14/2018
Previous Version	2.0b
Update Category	Critical
Dependencies	None
Important Notes	None
Enhancements	1. Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 & CVE-2018-3640) security issue. 2. Updated Purley RC 154.R13, SPS 4.0.04.340 and ACM 1.3.7, SINIT ACM 1.3.4. 3. Updated SATA RAID OPRM/EFI driver to RSTe PreOS v5.4.0.1039. 4. Added support for UEFI mode PXE boot of F12 hot key Net boot. 5. Added BIOS/ME downgrade check for SPS 4.0.4.340. 6. Added one event log to record that the event log is full. 7. Displayed PPR setup item.
New features	N/A

Fixes	<ol style="list-style-type: none"><li data-bbox="492 149 1408 296">1. Fixed problem of SUM GetSataInfo showing incorrect "Configuration Type" when setting "Configure sATA as" to "AHCI" or "RAID" on sATA controller.<li data-bbox="492 321 1408 415">2. Fixed problem of Ctrl + Alt + Del causing system to hang after flashing BIOS.<li data-bbox="492 441 1408 535">3. Fixed problem of system hanging when installing Linux OS after COM1 & COM2 IO/IRQ exchange.<li data-bbox="492 560 919 588">4. Fixed failure of WDT function.
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Release Notes from Previous Release(s)

2.0b (2/26/2018)

- 1. Updated CPU microcode to address 'Spectre' variant 2 (CVE 2017-5715) security issue.*
- 2. Added setup item "SmcBusMasterEn" for enabling Parent bridge of the devices in the gSmcPciForceEnableBusMasterList.*
- 3. Updated Purley RC 151.R03.*
- 4. Displayed setup item "ACS Control" to Enable/Disable PCIe Access Control Services Extended Capability, with Enabled as default.*
- 5. Changed RC default setting to upgrade POST Memory correctable error to uncorrectable error and map out the channel.*
- 6. Fixed problem of DMI being cleared when running SUM LoadDefaultBiosCfg.*
- 7. Disabled CPU2 IIO PCIe root port ACPI hot plug function.*
- 8. Fixed issue with IPMI force boot.*
- 9. Fixed problem of SMC skipping first boot option in UEFI mode when retrying boot.*
- 10. Fixed inability to reset the system under DOS by pressing "Ctrl-Alt-Del" on USB keyboard when "Port 60/64 Emulation" is disabled.*
- 11. Fixed inability of some CPUs to display correct microcode revision under BIOS setup menu.*