

IPMI Firmware / BIOS Release Notes Form

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Product Name	X11SPi-TF
Release Version	2.0a
Release Date	12/5/2017
Previous Version	1.0a
Update Category	Critical
Dependencies	None
Important Notes	N/A
Enhancements	<ol style="list-style-type: none">1. Changed BIOS revision to 2.0a.2. Update Purley CPU microcode SRV_P_217 for Skylake-EP H0/M0/U0 stepping CPUs3. Updated Purley RC 149.R09, SPS 4.0.04.294, ACM files, and CPU microcode.4. Added the "PEI--IPMI Initialization" Post-Help message.5. Set to avoid TCG protocol "PassThroughToTpm" failure under EFI shell when user enables "TXT Support" with disabled "TPM state" in TPM 1.2 BIOS setup menu.6. Updated help string for tCCD relax setup option.7. Allowed runtime memory UCE mapout message to be displayed one time during BIOS POST.8. Hid "TXT Support" in BIOS Setup menu dynamically when CPU doesn't support it.9. Enabled display of EarlyVideo message by onboard video when VGA Priority is set to Offboard.10. Removed the "System Firmware Error (POST ERROR)" error log from BMC and "EFI 01030006" in BIOS event log.11. Added "SMBIOS Preservation" Enabled/Disabled item for flash recovery.12. Masked off PCIe correctable and non-fatal errors.13. Added support for 16GB x 4 density DRAM Chip (64GB in total for

	<p>2rank x 4 RDIMM).</p> <p>14. Removed PCI PERR/SERR Support item and enabled reporting PCIe error by default.</p>
<p>New features</p>	<ol style="list-style-type: none"> 1. Set to show recovery error message when no BIOS image is in USB pen drive. 2. Set display of setup option for always turbo mode function as default. 3. Added Run Sure setup item. 4. Set message "BIOS cannot support downgrade to previous version or ROMID mismatch" to show when trying to downgrade BIOS or flash other model of BIOS
<p>Fixes</p>	<ol style="list-style-type: none"> 1. Fixed problem of the string of "Error DIMM information" on screen being corrupted when equipping failed DIMM. 2. Updated BMC LAN configuration for saving settings of BIOS setup menu. 3. Fixed inability to enter setup menu when pressing "DEL" key if there is no boot device. 4. Fixed failure of SMBIOS Type 20 to fill Interleave Position and Interleaved Data Depth correctly. 5. Fixed problem of the Runtime UCE memory causing DIMM mapout to not show on screen. 6. Fixed the Endless reboot caused by Last-time-uncorrected-memory error. 7. Fixed problem of serial console output showing SMC logo when EarlyVideo logo item is disabled. 8. Fixed problem of the Last UCE report (mapout) DIMM sometimes not matching real UCE DIMM location. 9. Fixed inability to report PCIe error event in PCH slot. 10. Fixed problem of IPMI SEL logging "Memory training failure." and "No memory DIMM detected, install memory DIMMs." twice per reboot. 11. Fixed problem of TPM 1.2 PS index not being Write-Protected so that the content of TPM 1.2 PS index still can be modified after TPM 1.2

is nvLocked.

**12. Fixed problem of DMI being cleared when running SUM
LoadDefaultBiosCfg.**