IPMI Firmware / BIOS Release Notes Form

Product Name	**X9DRW-7TPF+/iTPF+**
Release Version	**3.3**
Release Date	**6/2/2018**
Previous Version	**3.2**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	**1. Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 and CVE-2018-3640) security issue.** **2. Set CECC error reporting to disabled by default.** **3. Displayed CPU PCIe bifurcation items.** **4. Changed to checking KCS status register instead of data register for KCS waiting.** **5. Added support for InnoDisk DIMM.** **6. Updated SATA RAID/SCU OPROM/EFI driver to RSTe PreOS v4.6.0.1018.** **7. Added checksum check and retry for PSU FRU information request from BMC to patch missing PSU information in SMBIOS and added support for non-Supermicro PSU.** **8. Updated SINIT ACM 2.4 (20150106).** **9. Updated module for security issues.**

New features	N/A
Fixes	1. Fixed inability of Slim DVD ROM to read data from dual layer DVD image. 2. Patched problem of SPS ME NM function "Dynamic CPU Core Allocation Control" working abnormally. 3. Fixed problem of DMI being cleared after updating BIOS by AFUDOS and then updating again by OOB. 4. Fixed problem of 0 showing as length of DMI Type 15 log area. 5. Fixed issue of the UEFI devices still being bootable after disabling UEFI from boot group. 6. Fixed inability of PERR event log to be recorded correctly. 7. Fixed failure of SUM TC320. 8. Fixed problem of the shift key being lost when pressing shift key without releasing. 9. Fixed problem of SUM receiving wrong default setting of COM2 Console Redirection option. 10. Fixed problem of DMI being lost after flashing BIOS by AFUDOS 2.39 then OOB updates BIOS. 11. Fixed inability of the device behind PCI to PCI bridge to be allocated resource. 12. Fixed problem of SOL not working under DOS. 13. Fixed problem of the SMBIOS Type 17 showing TotalWidth & DataWidth information when the memory slot is empty. 14. Fixed problem of TPM State setup menu not syncing with actual setting. 15. Fixed failure of IPMI system boot command. 16. Fixed problem of string overlap occurring in "Manage MegaRAID Advanced Software Options" page of AVAGO MegaRAID SAS 9460-8i UEFI driver.

| | 17. Fixed missing display of SAFE ID and Serial Number in "Manage MegaRAID Advanced Software Options" page of the first AVAGO MegaRAID SAS 9460-8i UEFI driver when two Broadcom 9460-8i are installed. |
| | 18. Added BAR offset judgment code to fix issue of Mellanox IB hanging at POST code 0x91. |