

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X9DRW-7TPF+/iTPF+</b>
<b>Release Version</b>	<b>3.3</b>
<b>Release Date</b>	<b>6/2/2018</b>
<b>Previous Version</b>	<b>3.2</b>
<b>Update Category</b>	<b>Recommended</b>
<b>Dependencies</b>	<b>None</b>
<b>Important Notes</b>	<b>None</b>
<b>Enhancements</b>	<ol style="list-style-type: none"><li>1. Updated CPU microcode to address 'Spectre' derivatives (CVE-2018-3639 and CVE-2018-3640) security issue.</li><li>2. Set CECC error reporting to disabled by default.</li><li>3. Displayed CPU PCIe bifurcation items.</li><li>4. Changed to checking KCS status register instead of data register for KCS waiting.</li><li>5. Added support for InnoDisk DIMM.</li><li>6. Updated SATA RAID/SCU OPROM/EFI driver to RSTe PreOS v4.6.0.1018.</li><li>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.</li><li>8. Updated SINIT ACM 2.4 (20150106).</li><li>9. Updated module for security issues.</li></ol>

<p><b>New features</b></p>	<p>N/A</p>
<p><b>Fixes</b></p>	<ol style="list-style-type: none"> <li>1. Fixed inability of Slim DVD ROM to read data from dual layer DVD image.</li> <li>2. Patched problem of SPS ME NM function "Dynamic CPU Core Allocation Control" working abnormally.</li> <li>3. Fixed problem of DMI being cleared after updating BIOS by AFUDOS and then updating again by OOB.</li> <li>4. Fixed problem of 0 showing as length of DMI Type 15 log area.</li> <li>5. Fixed issue of the UEFI devices still being bootable after disabling UEFI from boot group.</li> <li>6. Fixed inability of PERR event log to be recorded correctly.</li> <li>7. Fixed failure of SUM TC320.</li> <li>8. Fixed problem of the shift key being lost when pressing shift key without releasing.</li> <li>9. Fixed problem of SUM receiving wrong default setting of COM2 Console Redirection option.</li> <li>10. Fixed problem of DMI being lost after flashing BIOS by AFUDOS 2.39 then OOB updates BIOS.</li> <li>11. Fixed inability of the device behind PCI to PCI bridge to be allocated resource.</li> <li>12. Fixed problem of SOL not working under DOS.</li> <li>13. Fixed problem of the SMBIOS Type 17 showing TotalWidth &amp; DataWidth information when the memory slot is empty.</li> <li>14. Fixed problem of TPM State setup menu not syncing with actual setting.</li> <li>15. Fixed failure of IPMI system boot command.</li> <li>16. Fixed problem of string overlap occurring in "Manage MegaRAID Advanced Software Options" page of AVAGO MegaRAID SAS 9460-8i UEFI driver.</li> </ol>

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|  | <p><b>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.</b></p> <p><b>18. Added BAR offset judgment code to fix issue of Mellanox IB hanging at POST code 0x91.</b></p> |
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