

## IPMI Firmware / BIOS Release Notes Form

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<b>Product Name</b>	<b>X10DRT-H/HIBF</b>
<b>Release Version</b>	<b>3.70</b>
<b>Release Date</b>	<b>3/21/2018</b>
<b>Previous Version</b>	<b>2.47</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. Improved thermal performance.</li> <li>2. Improved PS status performance.</li> <li>3. Changed copyright from 2014 to 2016.</li> <li>4. Enhanced procedure for BIOS firmware update.</li> <li>5. Added auto-refresh to sensor reading page.</li> <li>6. Hid unused power supply information on power source page.</li> <li>7. Upgraded NTP to version 4.2.8p10 to fix security issue.</li> </ol>
<b>New features</b>	<ol style="list-style-type: none"> <li>1. Added support for new fan curve in Thermal Design Guide v4.06.</li> <li>2. Added save button to event log page and system event log page.</li> <li>3. Added Redfish version on system info page.</li> <li>4. Added diagnostic tool support.</li> <li>5. Added ability to clear or reset configuration from WebUI Maintenance-&gt;Factory Default.</li> <li>6. Added support for iKVM HTML5.</li> </ol>

	<p>7. Added "Preserve SSL certificate" box option to firmware upgrade.</p> <p>8. Added support for Redfish to 5/3/2016 (Redfish version 1.0.1).</p> <p>9. Added support for GetSetBMCStatus command for TAS.</p> <p>10. Added save button to WebUI Server Health-&gt;Sensor reading page.</p> <p>11. Set system event log to record most configuring operations.</p>
<p>Fixes</p>	<p>1. Fixed unusual behavior on SNMP page.</p> <p>2. Fixed problem of the webpage showing "404-Not Found" when "here" is clicked on Firmware Upload page.</p> <p>3. Fixed failure of Patch BitRate in Redfish.</p> <p>4. Fixed failure of Patch the DateTime in Redfish.</p> <p>5. Fixed inability of sensor alerts to be received by email or SNMP.</p> <p>6. Fixed incorrect date and time in Maintenance System Event Log.</p> <p>7. Fixed problem of UpdateBMC finishing but progress not showing as 100%.</p> <p>8. Fixed problem of uboot making BMC hang on kernel panic starting from 3.19.</p> <p>9. Fixed problem of too much margin on sensor reading page and event reading page on high resolution display.</p> <p>10. Fixed inability to download diagnostic logs from BMC.</p> <p>11. Fixed problem of IPMI dying after BMC is downgraded from v03.16 to v02.29 via SUM 1.6.2.</p> <p>12. Fixed inability to input '+' in the Subject and Message fields on WebUI alert section.</p> <p>13. Fixed problem of diagnostic tool not working with BMC.</p> <p>14. Fixed problem of PERR Event Alert mail showing "Bus Uncorrectable Error".</p> <p>15. Changed the WebUI copyright to 2017.</p> <p>16. Fixed problem of missing ipmi_lan when BMC is updated from v1.31 to v3.10 production revision.</p> <p>17. Fixed inability of SOL to launch when logged into BMC with an AD/LDAP/Radius account.</p>

18. Fixed problem of PW consumption sensor showing the wrong value when the value is over 255.
19. Improved KCS reliability.
20. Fixed problem of ipmi\_sensor hanging when PSU AC is lost.
21. Fixed problem of platform failing to access IPMI browser in Red Hat 7.0.
22. Fixed issue of BMC crashing after running SOC Flash.
23. Fixed problem of error being returned when trying to access Redfish power data.
24. Fixed problem of the Enter key logging out the Session Timeout webpage.
25. Fixed problem of "Sensor ID" being empty in PCIe SERR/PERR Event Alert mail.
26. Fixed abnormal display of syslog.
27. Fixed problem of IPMI not returning to login page automatically after reloading IPMI Configuration.
28. Fixed problem of AC cycle stress testing making BMC crash because of uncorrectable SMBIOS file.
29. Fixed issue with port configure page value check.
30. Fixed inability of No Access User Network Privilege to be displayed on User page.
31. Fixed inability to erase hostname on network page.
32. Fixed problem of power history record page timing out due to abnormal power peak.
33. Enabled AOC MAC address to show on system page without TAS.
34. Fixed problem of the power supply FRU being empty in DMI after the AC is first powered on.
35. Fixed missing chassis intrusion status in IPMITool chassis status.
36. Fixed inability of IKVM reset to close IKVM console.
37. Set LDAP default IP address to show as 0.0.0.0.
38. Fixed incorrect power history record after AC cycle stress test.

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|  | <ul style="list-style-type: none"><li>39. Fixed problem of iKVM not working properly after iKVM reset.</li><li>40. Fixed typo error on BIOS Update page.</li><li>41. Fixed grammar error in language file of "Power Consumption".</li><li>42. Fixed problem of too many system event logs breaking BMC.</li><li>43. Fixed failure of SMCIPMITool "pminfo" command on firmware 3.68.</li></ul> |
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