

## IPMI Firmware / BIOS Release Notes Form

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| <b>Product Name</b>     | <b>X11DPFF-SN</b>   |
| <b>Release Version</b>  | <b>1.66</b>   |
| <b>Release Date</b>     | <b>3/5/2019</b>   |
| <b>Previous Version</b> | <b>1.54</b>   |
| <b>Update Category</b>  | <b>Recommended</b>  |
| <b>Dependencies</b>     | <b>None</b>   |
| <b>Important Notes</b>  | <b>None</b>   |
| <b>Enhancements</b>     | <b>1. Improved fan control efficiency.<br/>2. Removed DIMM status sensor reading from WebUI and IPMITool.<br/>3. Corrected "Trouble Shooting" to "Troubleshooting".</b>   |
| <b>New features</b>     | <b>1. Added support for new NVMe CPLD/MCU firmware and Date Code Support.<br/>2. Enabled SMCIPMITool to update Twin backplane EC firmware.<br/>3. Added syslog configuration support for IPv4 and IPv6 hostname.<br/>4. Added ability of SMCIPMITool to download Maintenance event log.<br/>5. Added advanced health event log.<br/>6. Added RSD MDR in full SMBIOS.<br/>7. Added support for X11DPFF-SN Hadoop to show 8 Fans.<br/>8. Added support for LSI 3008/3216/3616 IT management without support for firmware update and logic volume management.<br/>9. Added SPS firmware downgrade enhancement &amp; CLX CPU ID Check</b> |

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|       | <p>feature.</p> <p>10. Added support for AD/LDAP/RADIUS hostname.</p> <p>11. Added support for riser AOC-SLG3-2M2.</p>   |
| Fixes | <p>1. Separated Maintenance Event Logs and Health Event Logs into /redfish/v1/Managers/1/LogServices/Log1 and /redfish/v1/Systems/1/LogServices/Log1, respectively, in Redfish.</p> <p>2. Removed occurrence of "Save uncompleted" message when changing and saving time on IPMI Web.</p> <p>3. Corrected CATERR-Assertion event sensor type from CATERR to Processor.</p> <p>4. Changed 'event log' to 'health event log' and 'system event log' to 'maintenance event log'.</p> <p>5. Enabled saving or restoring syslog configuration via maintenance-&gt;IPMI Configuration.</p> <p>6. Set FAN failures to cause other fans to operate at full speed.</p> <p>7. Reduced delay for obtaining temperature sensor readings.</p> <p>8. Corrected sensor reading malfunction on multiple SIOMs.</p> <p>9. Removed occurrence of invalid IPs on IP Access Control page.</p> <p>10. Improved BIOS anti-rollback behavior.</p> <p>11. Disabled clearing configuration from removing licenses.</p> <p>12. Improved redfish/v1/Systems/1/Storage/HA-RAID/Volumes behavior.</p> <p>13. Removed display of critical System health status on WebUI during BIOS boot or IPMI update.</p> <p>14. Enabled launching Java SOL multiple times.</p> <p>15. Removed occurrence of BMC reset when deleting non-existing active directory group with SMCIPMITool.</p> <p>16. Enabled sorting health event log by date and time.</p> <p>17. Removed occurrence of Event severities showing as "informational" when sending test alert.</p> <p>18. Corrected reporting of Inlet Temperature to node manager.</p> |

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|  | <p>19. Removed occurrence of fan operating at full speed after changing mode from FullSpeed to Standard.</p> <p>20. Corrected name and threshold for "Sys. Inlet Temp".</p> <p>21. Removed occurrence of power supply false alert during overcurrent protection.</p> <p>22. Enabled adding AD role group using SMCIPMITool.</p> <p>23. Improved Redfish storage volume actions.</p> <p>24. Corrected display of LSI enclosure and drive numbers through Redfish.</p> <p>25. Enabled setting user privilege to No Access via cmd.</p> <p>26. Corrected BMC memory leak.</p> <p>27. Enabled reading SMC power supply FRU.</p> <p>28. Improved BMC remote KVM and remote power control.</p> <p>29. Allowed special characters <b>&amp;~`!@#\$\$%^*()_-=+{[] \:;'"&lt;,&gt;./</b> for username and password in IPMITool.</p> <p>30. Set FAN Fail LED to turn off after recovery.</p> <p>31. Improved top menu refresh link after AD configuration.</p> <p>32. Added support for UEFI PXE boot device via Redfish.</p> <p>33. Enabled SUM to trigger BMC to execute PCH reset action when SPS is downgraded.</p> |
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