IPMI Firmware

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

	9. Added SPS FW downgrade enhancement & CLX CPU ID Check feature. 10. Added support for AD/LDAP/RADIUS hostname. 11. Added support for riser AOC-SLG3-2M2.
Fixes	1. Separate Maintenance Event Logs and Health Event Logs sto /redfish/v1/Managers/1/LogServices/Log1 and /redfish/v1/Systems/1/LogServices/Log1, respectively in Redfish. 2. "Save uncompleted" message no longer appears when changing and saving time on IPMI Web. 3. Corrected CATERR-Assertion event sensor type from CATERR to Processor. 4. Changed 'event log' to 'health event log' and 'system event log' to 'maintenance event log'. 5. Allow saving/restoring syslog configuration via maintenance->IPMI Configuration. 6. FAN failures now causes other fans to be in fullspeed. 7. Improved delay for obtaining temperature sensor readings. 8. Corrected sensor reading malfunction on multiple SIOMs. 9. Prevent invalid IPs on IP Access Control page. 10. Improved BIOS anti-rollback behavior. 11. Clearing configuration will no longer remove licenses. 12. Improved redfish/v1/Systems/1/Storage/HA-RAID/Volumes behavior. 13. System health status WebUI no longer shows critical during BIOS boot or IPMI update. 14. Allow launching Java SOL multiple times. 15. BMC no longer resets when deleting non-existing active directory group with SMCIPMITool. 16. Allow sorting health event log by date and time. 17. Event severities no longer shows as "informational" when sending test alert.

	18. Report correct Inlet Temperature to node manager.
	19. Fan operating no longer operates at full speed after changing mode from FullSpeed to Standard.
	20. Corrected name and threshold for "Sys. Inlet Temp".
	21. Corrected power supply false alert during overcurrent protection.
	22. Allow adding AD role group using SMCIPMITool.
	23. Improved Redfish storage volume actions.
	24. Show correct LSI enclosure and drive numbers through Redfish.
	25. Allow setting user privilege to No Access via cmd.
	26. Corrected BMC memory leak.
	27. Allow reading SMC power supply FRU.
	28. Improved BMC remote KVM and remote power control.
	29. Allow special characters &~`!@#$%^*()_-+={[}]|\:;"'<,>.?/ for username and password in IPMITool.
	30. FAN Fail LED now turns off after recovery.
	31. Improved top menu refresh link after AD configuration.
	32. IPMI now parses PCIe correctable error correctly.
	33. Added support for UEFI PXE boot device via Redfish.
	34. Allow SUM to trigger BMC to execute PCH reset action when SPS is downgraded.