IPMI Firmware

Product Name	**X11SPL-F**
Release Version	**1.69**
Release Date	**4/10/2019**
Previous Version	**1.55**
Update Category	**Recommended**
Dependencies	**None**
Important Notes	**None**
Enhancements	**1. Changed the naming for "Health Event Log" and "Maintenance Event Log" in Web UI.** **2. Migrated the IPMI Event Log to the URL "redfish/v1/Systems/1/LogServices" in Redfish and changed the name "Event Log" to "System Management Log" in Redfish and Web UI.**
New features	**1. Patched CVE-2019-6260 pantsdown.** **2. Updated Uboot version.** **3. Added support for Hynix memory for BMC.** **4. Enabled clearing all system event logs without generating any log and dumping all the system event logs.** **5. Added BMC Event Log support in Redfish and changed "System Event Log" to "BMC Event Log" in Web UI.** **6. Added Onboard NVMe M.2 sensor reading.**
Fixes	**1. Allow special characters !@#$%^&* for default password.** **2. Corrected KVM and remote control failures after using SSH in SMASH with AD account.**

	3. Corrected performance degradation & unavailable SEL event appearing after Broadcom 3108 firmware is updated.
	4. WebUI no longer disappears after selecting simplified Chinese language.
	5. DCMS license activation now shows consistent status.
	6. Removed "Save uncompleted" message appearing when changing time and saving in IPMI Web.
	7. Corrected IPMI SOL failures.
	8. Improved Web UI formatting.
	9. Corrected behavior of IPMI Web Date & Time configuration.
	10. System status now references PSU state when AC is lost.
	11. Corrected issue where Redfish causes a session to timeout after accessing the System Event Log page and BMC to boot loop.
	12. AOC NIC threshold now adheres to thermal guideline.
	13. Allow Operator roles to clear Eventlog and Acknowledge.
	14. Redfish returns consistent codes (200, 500, 503) occurring from BMC using ApacheBench.
	15. Corrected Broadcom 3108 storage controller with BBU (battery unit) install on motherboard to generate one BBU de-assertion event upon every BMC system reboot.
	16. Allow removing DNS server IPv6 address.
	17. Remove incorrect message appearing on iKVM/HTML5 page when disabling IKVM port.
	18. Display correct AOC NIC sensor threshold.
	19. System no longer shows normal when the power fails.
	20. Fixed failure of timeout value for graceful shutdown feature.
	21. Corrected update SSL certificate file failures.
	22. Improved Web UI formatting.
	23. Corrected the sensor Qty of BMC.
	24. Fixed mismatch of Redfish FullList Allowed Operation.
	25. Improved controller health after multiple HDDs are pulled out simultaneously.