

# IPMI Firmware Release Notes

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<b>Product Name</b>	<b>X11SSA-F/ X11SSI-LN4F</b>
<b>Release Version</b>	<b>1.68</b>
<b>Build Date</b>	<b>8/10/2023</b>
<b>Previous Version</b>	<b>1.63</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>N/A</b>
<b>New features</b>	<b>N/A</b>
<b>Fixes</b>	<ol style="list-style-type: none"><li>1. FRU information couldn't display current information correctly.</li><li>2. IPMI Configuration couldn't restore Destination IP address for Alert page.</li><li>3. Shouldn't have pop ups when selecting IPMI Configuration page.</li><li>4. Refresh button will re-mount unmounted floppy disk.</li><li>5. Warning message popped up when redirected back to IPMI Configuration tab.</li></ol>

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|  | <ol style="list-style-type: none"><li><b>6.</b> Network Privilege changed after deleting user thru SMC IPMI Tool.</li><li><b>7.</b> The behavior didn't correspond to the pop-up message when adding IP Address/Mask.</li><li><b>8.</b> Incorrect message alert for maximum of username length.</li><li><b>9.</b> Wording issue under Hardware Information page.</li><li><b>10.</b> Added VRM block mechanism.</li><li><b>11.</b> Signed FW supported.</li><li><b>12.</b> Can save invalid domain addresses in AD server setting.</li><li><b>13.</b> IP Access Control Add and Modify Rule showed blocking error message even when not saving.</li><li><b>14.</b> IKVM recorded file cannot be played.</li><li><b>15.</b> Updated the VRM block mechanism test method.</li><li><b>16.</b> Security Fixes: CVE-2023-40287, CVE-2023-40288, CVE-2023-40286, and CVE-2023-33413.</li><li><b>17.</b> No error message was prompted when using spaces in an IP Access Control rule.</li><li><b>18.</b> 404 return code after canceling FW upgrade progress.</li></ol> |
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## **Release Notes from Previous Release(s)**

### **1.63 (9/4/2020)**

1. *Implemented security fix.*
2. *Fixed problem of unmount button remaining clickable after unmounting on Floppy Disk page.*
3. *Fixed failure to enable the upload button after unmounting device on Floppy Disk page.*
4. *Fixed problem of garbage value showing on Users page.*
5. *Fixed malfunction of Power Control Operations and failure of "power on" function via UI page.*
6. *Fixed inability to restore some settings after reloading saved IPMI Configuration file.*
7. *Fixed inconsistency of prompt message after deleting Group Name of AD.*

### **1.58 (11/20/2019)**

1. *Added BMC firmware solution to program and store unique pre-programmed password.*
2. *Fixed inability to connect to IPMI Web after updating firmware by IPMIView.*
3. *Fixed failure of Automation Robot.*
4. *Fixed problem of IPMI execution exception occurring when performing a BIOS update.*

### **1.56 (8/30/2019)**

1. *Fixed multiple vulnerabilities with Supermicro BMC Virtual Media.*
2. *Fixed ability of User Network Privilege to stay in Syslog page.*
3. *Fixed issue with IPMI web formatting for system.*
4. *Fixed inability to set Hostname back to empty field.*
5. *Fixed failure of Java iKVM virtual media mount authentication.*
6. *Fixed centering of new date/firmware during IPMI WebGUI BIOS/IPMI firmware update.*
7. *Set Port # to 389 when LDAP Authentication is enabled.*
8. *Fixed inability to close pop-up window, problem of pop-up window showing incorrect information once an invalid Port # is entered, and problem of inputting an invalid Port under Port configuration locking user in an infinite loop of pop-up messages until refreshing.*
9. *Fixed failure of STAC Redfish automation test.*
10. *Fixed ability of RADIUS to set port to an invalid value.*
11. *Fixed ability of Active Directory to input invalid group domain.*
12. *Fixed ability of Active Directory to save blank Domain Controller Server Address IP.*
13. *Fixed ability of NTP Server to input invalid values for both Primary NTP Server and Secondary NTP Server.*
14. *Fixed ability of Alert to input invalid Destination IP.*
15. *Fixed ability of SNMPV3 to save an invalid Auth Key and Private Key, and SNMPV3 to save an invalid User Name.*

### **1.54 (4/16/2019)**

1. *Added patch for CVE-2019-6260 pantsdown.*
2. *Migrated the IPMI Event Log to the URL "redfish/v1/Systems/1/LogServices" in Redfish and changed the name "Event Log" to "Health Event Log" in Redfish and Web UI.*
3. *Set the MAC address format to revert to "xx:xx:xx:xx:xx:xx" in order to prevent backward compatibility.*
4. *Changed FirmwavelInventory to SmcFirmwavelInventory to prevent user confusing with Redfish standard definition.*
5. *Added parameter (SkipCheckingME) for BIOS EnterUpdateMode in Redfish to skip ME checking.*

6. *Added support for TaskService feature during BIOS, BMC, and Broadcom storage controller update in Redfish.*
7. *Added new feature for GUID/BoardID in Redfish.*
8. *Added new feature for event data extension in Redfish.*
9. *Fixed failure of Redfish API test, failure of Redfish Automation tool check, inability of /redfish/v1/Managers/1/VM1/CfgCD/Actions/ path to match URI path, and inability to retrieve memory information from Redfish (postman).*
10. *Fixed failure of Nagios test.*

**1.48 (6/15/2018)**

1. *Added Redfish memory information feature.*
2. *Fixed problem of the help page of iKVM/HTML5 console not supporting multi-language content and only supporting English.*
3. *Fixed timeout of Invalid Default Active Directory.*
4. *Fixed failure of Redfish automation test.*