

## IPMI Firmware

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<b>Product Name</b>	<b>X10SLM+-LN4F</b>
<b>Release Version</b>	<b>3.81</b>
<b>Release Date</b>	<b>5/28/2019</b>
<b>Previous Version</b>	<b>3.72</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 Redfish webserver stability/performance.</li><li>2. Corrected "Trouble Shooting" to "Troubleshooting".</li></ol>
<b>New features</b>	<ol style="list-style-type: none"><li>1. Added support for AD/LDAP/RADIUS hostname.</li><li>2. Added support for BBP2 PWS-1K01B-1R.</li><li>3. Added syslog configuration support for IPv4 and IPv6 hostname.</li><li>4. Added ability of SMCIPMITool to download Maintenance event log.</li><li>5. Added advanced health event log.</li></ol>
<b>Fixes</b>	<ol style="list-style-type: none"><li>1. Patched CVE-2019-6260 pantsdown security fix.</li><li>2. IPMITool no longer hangs due to special characters &amp;~`!@#\$%^*()_+={[] \; \"&lt;,&gt;./ in username and password.</li><li>3. Improved webUI displays after AD configuration.</li><li>4. Corrected Java SOL not launching a second time.</li><li>5. Removed BMC memory leak.</li><li>6. Detect PWS-721P power supply.</li><li>7. Allow reading SMC power supply FRU.</li><li>8. Allow setting user privilege to No Access via cmd.</li><li>9. Changed 'event log' to 'health event log' and 'system event log' to 'maintenance event log'.</li><li>10. Allow saving and restoring syslog configuration via maintenance-</li></ol>

	<p><i>&gt;IPMI Configuration.</i></p> <ul style="list-style-type: none"><li><i>11. Prevent invalid IP format on IP Access Control page.</i></li><li><i>12. Clearing configuration no longer clears IP configuration.</i></li><li><i>13. Fixed issue with redfish/v1/Systems/1/Storage/HA-RAID/Volumes.</i></li><li><i>14. "Power Source" now shows up in IPMI WebGUI Server Health page.</i></li><li><i>15. Misc web page formatting.</i></li><li><i>16. IPMI no longer incorrectly parses PCIe correctable error to other description.</i></li><li><i>17. Added support for UEFI PXE boot device via Redfish.</i></li></ul>
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