

# BMC Firmware Release Notes

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Product Name	B11DPT
Release Version	5.72.32 (SIGNED)
Build Date	03/08/2024
Previous Version	3.72.23 (UNSIGNED)
Update Category	Recommended
Dependencies	None
Important Notes	<p>Voltage Regulator Module (VRM) and Inter-Integrated Circuit (I<sup>2</sup>C) Overvolting/Undervolting, January 2023. <a href="https://www.supermicro.com/en/support/security_VRM_Jan_2023">https://www.supermicro.com/en/support/security_VRM_Jan_2023</a></p> <ol style="list-style-type: none"><li>1. X11, B11, and H11 products require signed BMC firmware. It is important to note that once updated, SIGNED BMC firmware cannot be rolled back to UNSIGNED BMC firmware.</li><li>2. If you have unsigned BMC firmware and prefer to keep it, please contact technical support team at Supermicro.</li><li>3. If you have BMC OEM firmware, please contact your technical representative.</li></ol>
Enhancements	<ol style="list-style-type: none"><li>1. Modify Operator and User Network Privileges.</li><li>2. IPv6 enhancement and support IP Protocol switches.</li><li>3. Changed the rules for blade sending IPV6 to CMM.</li></ol>
New features	<ol style="list-style-type: none"><li>1. Auto Daylight Saving Time.</li></ol>
Fixes	<ol style="list-style-type: none"><li>1. Resolve CVE-2023-33413 (SMC-2024010012 Command Injection attack).</li><li>2. Resolve command injection through SMTP Username and Password (SMC-2024010010 Command Injection attack).</li><li>3. Account with null username cannot be deleted on webUI on CMM.</li><li>4. M.2 not detected in sensor reading.</li><li>5. Fixed security vulnerabilities relating to CVE-2023-40288 and CVE-2023-40286.</li><li>6. Redfish login/logout error sometimes result in 500 internal error.</li><li>7. Incorrect REDFISH API response for date time format.</li></ol>

8. Fixed IPv6 autoconfig in webUI.
9. NTP is not set to zero when service is disabled.
10. Followed Redfish display common rule to show N/A or null on Web/Redfish.
11. Correct power capping reset through policy deletion.
12. Avoid Redfish FD leak and improved the error message and flow.
13. Port page shows modal error dialog even when not saving.
14. Editing user names with special characters results in "%hex" in the field instead of ASCII.
15. Fixed MICRON 7400/7450 with no temperature readings.
16. Correct IP address shown for logged in user list on webUI.
17. Fixed behavior when using full-width chars for adding new user.
18. HTML5 iKVM recorded video now plays back.
19. Operator privilege failed to fully access Mouse Mode.
20. Cannot enable Dynamic Update when setting BMC Hostname with 63 characters.
21. MEL event log shows incorrect Syslog server port.
22. Active Directory AD can't log in using IPv6 and domain name DN.
23. User is able to set an IP address with an invalid mask under the IP Access Control page.
24. WebUI pages don't update correctly during BIOS update.
25. Correct GetCpldInfo command failing using SUM.
26. Properly verify CD-ROM image path.
27. Correct SUM failing to update BIOS on Windows.
28. Can launch iKVM/HTML5 after disabling the iKVM server port.
29. WebUI port settable to blank.
30. Blade cannot add users with full-width characters.
31. Disabled weak encryption algorithms.
32. Miscellaneous wording changes in webUI.
33. Floppy Upload function now checks for size.
34. Require protocol in webUI "Share host" field for mounting CD-ROM through http/https.
35. Check domain names on AD page.
36. Under certain circumstances iKVM is unable to open after upgrading the

	<p>BIOS file in BMC webUI.</p> <p>37. Correct SMTP Sender's Address validation routine.</p> <p>38. Allow SUM to change alert type of BMC configuration.</p> <p>39. Redfish GET method fails when using AD SSL.</p> <p>40. Generate AC Power On log when using NTP.</p> <p>41. Correct Redfish event receiver retry loop.</p> <p>42. Disallow configuration saves through AD in the webUI when using RADIUS.</p> <p>43. Set web session timeout to 30 minutes.</p> <p>44. Consolidate chassis type shown through SMCIPMITool and webUI.</p> <p>45. CPU overheat alert (LED) now triggers and event log created.</p> <p>46. Corrected redfish/v1/Chassis/1 and modified "ChassisType" value.</p> <p>47. LACP packet mismatches in MLAG configuration no longer reboots host.</p> <p>48. Correct IPv6 RMCP command.</p> <p>49. Fixed Microblade Redfish login/logout error and 500 internal error.</p> <p>50. Correct Redfish response for date time format.</p> <p>51. Fixed VRM protection sync with SW team.</p> <p>52. Fixed IPv6 autoconfig on webUI.</p> <p>53. Display appropriate NTP field value when service is disabled.</p> <p>54. Fine tune Intel power capping.</p> <p>55. Do not show error messages in Port page before saving.</p> <p>56. Show ASCII usernames entering special characters rather than HTML quote format.</p> <p>57. Show correct temperature readings for MICRON 7400/7450.</p> <p>58. Show correct IPv6 address in webUI User List.</p> <p>59. Modifying Username in webUI using full-width character no longer shows perpetual "LOADING..." message.</p> <p>60. Refined Redfish session values and behavior.</p> <p>61. HTML5 iKVM recorded video now plays back.</p> <p>62. Operator privilege fails to fully access mouse mode.</p> <p>63. Various Redfish/webUI typos, naming convention consolidation.</p>
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