

1. Release Notes for Current Version

Firmware Name	4202JBD002303.ima
Release Version	00.23.03
Release Date	2025/09/18
Codebase	SPX_12.7 LTS and RTP_1_8
Change log	<ol style="list-style-type: none">bug fix: Fixed the issue where subsequent updates failed after performing an offline update.
Known Issue	
Important Notes	<p>Do not update this FW to AST1250 of SAS3.</p> <p>FW can be used for AST2520 of SAS3 and SAS4</p> <p>If EXP cancels the Power button, EXP will force the Power Policy to be set to always on, and the Power Policy modified from the BMC will not be able to be changed.</p>

2. Release Notes for Previous Versions

Firmware Name	4202JBD002203.ima
Release Version	00.22.03
Release Date	2025/05/13
Codebase	SPX_12.7 LTS and RTP_1_8
Change log	<ol style="list-style-type: none">1. (Bug #9265) bug fix: Increase the fan sensor power-on waiting time.2. Added a switch check between SAS3 and SAS4. If an abnormality occurs, the sel log will be recorded and the BMC will be reboot.
Known Issue	
Important Notes	<p>Do not update this FW to AST1250 of SAS3.</p> <p>FW can be used for AST2520 of SAS3 and SAS4</p> <p>If EXP cancels the Power button, EXP will force the Power Policy to be set to always on, and the Power Policy modified from the BMC will not be able to be changed.</p>

Firmware Name	4202JBD002103.ima
Release Version	00.21.03
Release Date	2025/03/11
Codebase	SPX_12.7 LTS and RTP_1_8
Change log	<ol style="list-style-type: none"> 1. (Bug #8983) bug fix: Fixed a problem with getting hard drive status. 2. (Bug #8984) bug fix: On the web page for modifying the preset password, change the password length to 16. 3. (Bug #8975) Fixed the issue with redirecting to the user's settings page.
Known Issue	
Important Notes	<p>Do not update this FW to AST1250 of SAS3.</p> <p>FW can be used for AST2520 of SAS3 and SAS4</p> <p>If EXP cancels the Power button, EXP will force the Power Policy to be set to always on, and the Power Policy modified from the BMC will not be able to be changed.</p>

Firmware Name	4202JBD002003.ima
Release Version	00.20.03
Release Date	2025/02/24
Codebase	SPX_12.7 LTS and RTP_1_8
Change log	<ol style="list-style-type: none"> 1. (Bug #8940) bug fix: Close post code page. 2. (Bug #8930) bug fix: Cancel repeated sending of power event logs. 3. (Bug #8929) Added a reminder to power on in the error message of "Zone Configurations" page.
Known Issue	
Important Notes	<p>Do not update this FW to AST1250 of SAS3.</p> <p>FW can be used for AST2520 of SAS3 and SAS4</p> <p>If EXP cancels the Power button, EXP will force the Power Policy to be set to always on, and the Power Policy modified from the BMC will not be able to be changed.</p>

Firmware Name	4202JBD001903.ima
Release Version	00.19.03
Release Date	2025/02/19
Codebase	SPX_12.7 LTS and RTP_1_8
Change log	<ol style="list-style-type: none"> 1. Open Zonecount's webpage 2. When the BMC sensor is abnormal, turn on the Hub's status led. 3. Read Expander zonecount requirements regularly and synchronize other Expander
Known Issue	
Important Notes	<p>Do not update this FW to AST1250 of SAS3.</p> <p>FW can be used for AST2520 of SAS3 and SAS4</p> <p>If EXP cancels the Power button, EXP will force the Power Policy to be set to always on, and the Power Policy modified from the BMC will not be able to be changed.</p>

Firmware Name	4202JBD001803.ima
Release Version	00.18.03
Release Date	2025/02/12
Codebase	SPX_12.7 LTS and RTP_1_8
Change log	<ol style="list-style-type: none"> 1. Write FRU to EXP of different I2C_ADDR. 2. When shutting down, it will also obtain Power Policy information from the MCU.
Known Issue	
Important Notes	<p>Do not update this FW to AST1250 of SAS3.</p> <p>FW can be used for AST2520 of SAS3 and SAS4</p> <p>If EXP cancels the Power button, EXP will force the Power Policy to be set to always on, and the Power Policy modified from the BMC will not be able to be changed.</p>

Firmware Name	4202JBD001703.ima
Release Version	00.17.03
Release Date	2025/02/03
Codebase	SPX_12.7 LTS and RTP_1_8
Change log	<ol style="list-style-type: none"> 1. Fixed the issue that the web browser cannot be started after restoring the default settings. 2. Fixed the issue that the chassis type of Fru cannot be displayed normally on the web
Known Issue	NA
Important Notes	<p>Do not update this FW to AST1250 of SAS3.</p> <p>FW can be used for AST2520 of SAS3 and SAS4</p>

Firmware Name	4202JBD001603.ima
Release Version	00.16.03
Release Date	2025/01/03
Codebase	SPX_12.7 LTS and RTP_1_8
Change log	<ol style="list-style-type: none"> 1. Base on SPX_12.7 LTS and RTP_1_8 2. The power policy is adjusted to be controlled by MCU, and BMC only provides reading and writing. 3. Supports using EEPROM to switch SAS3 and SAS4 4u78/4u108. 4. Add the FRU of PDB and provide the FRU of BMC to Expander. 5. Provide BMC version to Expander. 6. Added support for hardware reset IPMI user information. 7. Added support for hardware fixed IP.
Known Issue	NA
Important Notes	<p>Do not update this FW to AST1250 of SAS3.</p> <p>FW can be used for AST2520 of SAS3 and SAS4</p>

Firmware Name	4202JBD001502.ima/4212JBD001502.ima
Release Version	00.15.02
Release Date	2024/11/28
Codebase	SPX_12.3 LTS and RTP_1_8
Change log	1. Save power policy to EEPROM, default to always on.
Known Issue	NA
Important Notes	NA

Firmware Name	4212JBD001402.ima
Release Version	00.14.02
Release Date	2024/10/25
Codebase	SPX_12.3 LTS and RTP_1_8
Change log	1. Fixed the problem of updating Expander fw on 4U108.
Known Issue	NA
Important Notes	NA

Firmware Name	4202JBD001302.ima/4212JBD001302.ima
Release Version	00.13.02
Release Date	2024/7/31
Codebase	SPX_12.3 LTS and RTP_1_8
Change log	1. Change PSU fan speed accuracy to 200 rpm.
Known Issue	NA
Important Notes	NA

Firmware Name	4202JBD001202.ima/4212JBD001202.ima
Release Version	00.12.02
Release Date	2024/01/25
Codebase	SPX_12.3 LTS and RTP_1_8
Change log	1. Fixed information display error for specific PSUs.
Known Issue	NA
Important Notes	NA

Firmware Name	4202JBD001102.ima
Release Version	00.11.02
Release Date	2023/07/21
Codebase	SPX_12.3 LTS and RTP_1_8
Change log	1. Extended time limit to avoid failure to upload extender files.
Known Issue	NA
Important Notes	NA

Firmware Name	4202JBD001002.ima
Release Version	00.10.02
Release Date	2023/01/18
Codebase	SPX_12.3 LTS and RTP_1_8
Change log	<ol style="list-style-type: none">1. Fix null timezone bug on web UI.2. Fix restore configuration issue.3. Disable the sysadmin ssh service.
Known Issue	NA
Important Notes	NA

Firmware Name	4202JBD000902.ima
Release Version	00.09.02
Release Date	2022/12/09
Codebase	SPX_12.3 LTS and RTP_1_8
Change log	<ol style="list-style-type: none"> 1. Change PSU_Status sensor event log. 2. Reduce the number of error counts.
Known Issue	NA
Important Notes	NA

Firmware Name	4202JBD000802.ima
Release Version	00.08.02
Release Date	2022/11/14
Codebase	SPX_12.3 LTS and RTP_1_8
Change log	<ol style="list-style-type: none">1. Bug fix: Redfish's sensors are not updating.2. Sort IPMI sensor Table.3. Implement discrete sensor state.
Known Issue	NA
Important Notes	NA

Firmware Name	4202JBD000702.ima
Release Version	00.07.02
Release Date	2022/10/21
Codebase	SPX_12.3 LTS and RTP_1_8
Change log	<ol style="list-style-type: none"> 1. Bug fix: Fixed the issue of not post event log when the PSU AC lost. 2. Add Expander tar ball update. 3. Add ipmi command of select Expander.
Known Issue	NA
Important Notes	NA

Firmware Name	4202JBD000602.ima
Release Version	00.06.02
Release Date	2022/07/14
Codebase	SPX_12.3 LTS and RTP_1_8
Change log	<ol style="list-style-type: none"> 1. Bug fix: Fixed the issue of setting zonecount when the power is off. 2. Modify the web page of zonecount. 3. Enable the backup and restore configuration in the web.
Known Issue	NA
Important Notes	NA

Firmware Name	4202JBD000502.ima
Release Version	00.05.02
Release Date	2022/07/08
Codebase	SPX_12.3 LTS and RTP_1_8
Change log	<ol style="list-style-type: none">1. Bug fix: Fix Redfish Role header issue.2. Add zone setting page to web.
Known Issue	NA
Important Notes	NA

Firmware Name	4202JBD000402.ima
Release Version	00.04.02
Release Date	2022/07/05
Codebase	SPX_12.3 LTS and RTP_1_8
Change log	<ol style="list-style-type: none">1. Bug fix: Redfish.2. Power Restore Policy Settings Synchronization.3. Reset the BMC on the other side.
Known Issue	NA
Important Notes	NA

Firmware Name	4202JBD000302.ima
Release Version	00.03.02
Release Date	2022/06/23
Codebase	SPX_12.3 LTS and RTP_1_8
Change log	<ol style="list-style-type: none"> 1. Bug fix: Redfish oem command issue. 2. Hide hard reset and identification LED control in Redfish. 3. Hide backup and restore configuration in Web. 4. Sorting out the ipmi sensor list 5. The default IP is 192.168.11.11. (remove lan recover)
Known Issue	NA
Important Notes	NA

Firmware Name	4202JBD000202.ima
Release Version	00.02.02
Release Date	2022/6/14
Codebase	SPX_12.3 LTS and RTP_1_8
Change log	<ol style="list-style-type: none"> 1. Bug fix: Abnormal sensor reading. 2. The default Baud Rate is 38400.
Known Issue	NA
Important Notes	NA

Firmware Name	4202JBD000102.ima
Release Version	00.01.02
Release Date	2022/04/27
Codebase	SPX_12.3 LTS and RTP_1_8
Change log	<ol style="list-style-type: none"> 1. Built with SPX_12.3 LTS and RTP_1_8. 2. Support platform SAS4 4U78
Known Issue	NA
Important Notes	NA