

UNIFOSA Corp.
Technical Support Team
Firmware Release Notes

**Model: SASIII to SASII /SASIII /SATAIII 12/16/24/64 CHL
(LSI 3108 Roc 1200MHz)**

**For: EP-2123S2(D2)-SCSC(S6) / EP-3163S2(D2)-SCSC(S6) /
EP-2243S2(D2)-SCSC(S6) / EP-4643S2(D2)-SCS6 series.**

Important notes:

1. Please update BOOT module first.

(1) Upgrade Boot module: 8380BOOT-xxxxx.bin

(2) Upgrade firmware: 8380-xxxxxx.bin

(3) Upgrade MRB firmware: 8380MBR0-xxxxxxxxx.bin

(4) Upgrade SAS3 Expander firmware:8018-x.xx.xx.xx-xxxxxxxxx.fw

(5) Upgrade SAS3 Data firmware: 8018-mfgdat12gN-xxxxxxxxx.rom

(6) Upgrade SAS2 Expander firmware:8016-x.xx.xx.xx-xxxxxxxxx.fw

(7) Upgrade SAS2 Data firmware: 8016-mfgdat6g-xxxxxxxxx.rom

	Last Version	New Version
Controller Version	1.54 2016-11-23	1.54 2017-03-29
Boot Code Version	1.54 2016-11-23	1.54 2017-03-29
MBR Version	1.54-2016-11-23	1.54-2017-03-29
SAS3 Expander Version	8018-03.01.28.55-20160719	8018-03.01.31.605-20170426
SAS3 Expander Data Version	8018-Mfgdat12gN-20160413	8018-Mfgdat12gN-20170123
SAS2 Expander Version	8016-14.BD.00.09-20121017	8016-14.BD.00.09-20121017
SAS2 Expander Data Version	8016-mfgdat6g-20150608	8016-mfgdat6g-20150608
Release Date	MAR 9, 2017	JUN 21, 2017
New	<ul style="list-style-type: none"> 1. Add EPC Supported. 2. Add Security Encryption Disk SED Functional. 	<ul style="list-style-type: none"> 1. Add SAS Host Port Speed Setting. 2. Add Read Performance Margin Setting. 3. Add Write Performance Margin Setting. 4. Add Write Cache Amount Setting. 5. Add SAS HDD phy Error Count Display

Fixed	<ol style="list-style-type: none"> 1. Fix FBM 4G/8G Memory Supported 2. Fix Dual Controller with IOmeter IO course controller drop condition. 	
Modify	<ol style="list-style-type: none"> 1. Modify Stagger Power On's LED Control. 	<ol style="list-style-type: none"> 1. Improved EP-4643 Enclosure Arrangement.
Remove	<ol style="list-style-type: none"> 1. Remove HTTP guest Account. 	<ol style="list-style-type: none"> 1. Remove End Device Frame Buffering Setting.