

UNIFOSA Corp.
Technical Support Team
Firmware Release Notes

Model: SASII to SASII /SATAIII 12/16/24/42/64 CHL (LSISAS2116)
For: EP-2123S(D)-S6S6 / EP-3163S(D)-S6S6 / EP-2243S(D)-S6S6 /
EP-4423S(D)-S6S6 / EP-4643S(D)-S6S6 series.

Important notes:

- 1. Please update BOOT module first.**
 - (1) Upgrade Boot module: 8366BOOT-xxxxx.bin**
 - (2) Upgrade firmware: 8366-xxxxxx.bin**
 - (3) Upgrade MRB firmware: 8366MBR0-xxxxxxxxx.bin**
 - (3) Upgrade Expander firmware:8016-x.xx.xx.xx-xxxxxxxxx.fw**
 - (4) Upgrade Data firmware: 8016-mfgdat6g-xxxxxxxxx.rom**

	Last Version	New Version
Controller Version	1.54 2016-11-23	1.55 2018-03-23
Boot Code Version	1.54 2016-11-23	1.55 2018-03-23
MBR Version	1.54-2016-11-23	1.55-2018-03-23
Expander Version	14.BD.00.09-20121017	14.BD.00.09-20121017
Expander Data Version	Mfgdat6g-20150608	Mfgdat6g-20150608
Release Date	MAR 16, 2017	MAY 16, 2018
New	<ol style="list-style-type: none"> 1. Add EPC Supported 2. Add Security Encryption Disk SED Function. 3. Add Clone Disk Function 	<ol style="list-style-type: none"> 1. Add Enter SED Key By User Password. 2. Add Save SED key in Controller. 3. Add DHCP Retry if IP is Not Got. 4. Add New Event – Slot SMART Warning.

Fixed		<ol style="list-style-type: none"> 1. Fix EPC Problem. 2. Fix Scheduled Volume Check Problem. 3. Fix Mail Alert Header Day Code Error (Week Date Code Error). 4. Fix ActiveFailDisk Problem in JBOD Mode. 5. Fix Random Drop Off Seagate High Capacity HDD such as ST800NM0055. 6. Fix when Migration After Expand Raid Set May Stop at 99.6%. 7. Fix VT100 & LCD Panel Display Problem. <p>(A) Display HDD Capacity Upto 99TB. (B) Display RaidSet & VolumeSet Capacity Upto 999TB.</p>
Modification		<ol style="list-style-type: none"> 1. System May Hang if Disks is Set to Fail, Re-Activated and Set to Hot Spare, Volume Rebuild Start Host Access May Hang. 2. SAS SSD support. 3. Patch HGST SDLL1MLR038TCCA1 (Ultrastar SSC200) SAS SSD Detection Problem.
Remove	1. Remove HTTP guest account	1. Remove Getting Slot Number from SMP Slot Information (Cause Problem when Mixed with 6G Expander).