

**UNIFOSA CORP.**  
**Technical Support Team**  
**Firmware Release Notes**

**Model: SASII to SASII /SATAIII 12/16/24/42/64 CHL**  
**For: EP-2123S1(D1)-S6S6 / EP-3163S1(D1)-S6S6 / EP-2243S1(D1)-S6S6 / EP-4423S1(D1)-S6S6 / EP-4643S1(D1)-S6S6 series.**

**Important notes:**

- 1. Please update BOOT module first.**
  - (1) Upgrade Boot module: 8367BOOT-xxxxx.bin**
  - (2) Upgrade firmware: 8367-xxxxxx.bin**
  - (3) Upgrade MRB firmware: 8367MBR0-xxxxxxxxx.bin**
  - (3) Upgrade Expander firmware:8016-x.xx.xx.xx-xxxxxxxxx.fw**
  - (4) Upgrade Data firmware: 8016-mfgdat6g-xxxxxxxxx.rom**

	<b>Last Version</b>	<b>New Version</b>
<b>Controller Version</b>	1.54 2016-11-23	1.55 2018-03-23
<b>Boot Code Version</b>	1.54 2016-11-23	1.55 2018-03-23
<b>MBR Version</b>	1.54-2016-11-23	1.55-2018-03-23
<b>Expander Version</b>	14.BD.00.09-20121017	14.BD.00.09-20121017
<b>Expander Data Version</b>	Mfgdat6g-20150608	Mfgdat6g-20150608
<b>Release Date</b>	MAR 10, 2017	MAY 16, 2018
<b>New</b>	<ol style="list-style-type: none"> <li>1. Add EPC Supported</li> <li>2. Add Security Encryption Disk SED Supported.</li> </ol>	<ol style="list-style-type: none"> <li>1. Add Enter SED Key By User Password.</li> <li>2. Add Save SED key in Controller.</li> <li>3. Add DHCP Retry if IP is Not Got.</li> <li>4. Add New Event – Slot SMART Warning.</li> </ol>

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