

## Firmware Release History

**Model: FC4G to SATA-II 12 CHL. (80321) (7530)**

Version	Boot Code	Release Date (MM/DD/YYYY)	Notes
1.46-090106	1.46-090106	04/24/2009	<ul style="list-style-type: none"> <li>● <b>From firmware version 1.39 and earlier, please update TRANSITION firmware first and restart controller.</b></li> <li>● <b>Firmware 1.42 and later could not downgrade to earlier version.</b></li> </ul> <ol style="list-style-type: none"> <li>1. Fixed NTP error after 2009.</li> <li>2. Fixed Solaris 10 inquiry page 0x83 issue.</li> <li>3. Fixed Solaris LBA overflow issue.</li> <li>4. Improved SNMP agent request overflow issue.</li> <li>5. Exclude super password via TELNET for security reason.</li> <li>6. Modified the LOGIN event from ERROR to WARNING.</li> </ol>
1.45-080314	1.45-080314	04/10/2008	<ul style="list-style-type: none"> <li>● <b>From firmware version 1.39 and earlier, please update TRANSITION firmware first and restart controller.</b></li> <li>● <b>Firmware 1.42 and later could not downgrade to earlier version.</b></li> </ul> <ol style="list-style-type: none"> <li>1. Added HDD Spin Down function. (MAID).</li> <li>2. Added Off-Line RaidSet for on-line roam member disks to another subsystem.</li> <li>3. Added auto hot spare support</li> </ol>

			<p>(across power cycle).</p> <ol style="list-style-type: none"> <li>Added support MTRON SSD.</li> <li>Fixed Seagate 750G/500G SATA disk timeout issue.</li> <li>Fixed WD 1TB drive detection issue.</li> <li>Fixed IE7 update firmware problem under Vista.</li> <li>Fixed BBM boot issue.</li> <li>Fixed RAID 1 and 0+1 issue.</li> </ol>
1.42-061013	1.42-061013	01/08/2007	<ul style="list-style-type: none"> <li>● <b>From firmware version 1.39 and earlier, please update TRANSITION firmware first and restart controller.</b></li> <li>● <b>Firmware 1.42 and later could not downgrade to earlier version.</b></li> </ul> <ol style="list-style-type: none"> <li>Added multiple volume check at one time (HTTP only).</li> <li>Added SCRUB bad block and REPAIR parity function.</li> <li>Added Event and warning if incomplete RAID Set discovered.</li> <li>Added completion aborted and stopped events for migration, rebuilding and initialization.</li> <li>Added HDD timeout option (12, 17, 22, 27 and 32).</li> <li>Added Persistent Reservation commands support.</li> <li>Fixed Hitachi HD issue (Raid locked up).</li> <li>Fixed WD4000YR detect problem (power on/off).</li> <li>Fixed bug for command abortion.</li> <li>The LBA address is logged for reference when Power loss during migration, rebuilding and</li> </ol>

			<p>initialization.</p> <p>11. Change bad block generation to compatible with Seagate.</p> <p>12. Change the Voltage high limit to 5.4V for 5V.</p> <p>13. Tried Fabric first, switch to P2P if N-Port found.</p>
1.39-060317	1.39-060315	03/24/2006	1. Formal release.