

# AMCC 3ware CCU Release Notes for CI Design

Release 2.0.0.0

**READ ME FIRST!**

Thank you for using 3ware CCU implementation. This document describes release highlights and important recommendations.

## *AMCC 3ware Contact Information*

Knowledgebase:

<http://www.3ware.com/KB/kb.asp>

System Compatibility Lists:

[http://www.3ware.com/products/compatibility\\_sata.asp](http://www.3ware.com/products/compatibility_sata.asp)

Service and support:

<http://www.3ware.com/support/index.asp>

Main U.S. Phone: 800-840-6055 (US only) or 858-535-6517

European Phone: 00 (800) 3-927-3000 or +49-89-800777-15

### ***Release Highlights***

- Support CI Design backplane 12-6412-01BR on all 9650SE controllers including the 9650SE-24M8 controller
- Drive status and drive activity LEDs are fully functional

### ***Minimum 9650SE Requirements***

- Firmware version: 3.08.00.004 (9.4.1.1 codeset)

### ***Release Details***

The CCU release package for CI Design includes the following firmware and software versions:

- esConfig version: 1.00.00.013
- EPCT file: epct24drive\_left\_to\_right\_v201.bin

The activity LED cable that connects the 9650SE-24M8 to the CI backplane remains the same.

### ***LED Color Mapping for CI Design Chassis***

<b><i>Color</i></b>	<b><i>Status</i></b>
<b>Solid Green</b>	<b>OK</b>
<b>Blinking Green</b>	<b>Identify</b>
<b>Black</b>	<b>No drive</b>
<b>Solid Red and Solid Green</b>	<b>Hot Spare</b>
<b>Blinking Red and Blinking Green</b>	<b>Re-building</b>
<b>Solid RED</b>	<b>Drive time-out or RAID DCB error</b>
<b>Blinking RED</b>	<b>SMART threshold exceeded error or ECC error</b>
<b>Blinking and Solid Blue</b>	<b>Drive Activity</b>

### ***Enclosure LED Code Behavior***

When an error condition on a drive occurs, such as drive time-out, DCB error, SMART threshold exceeded, or ECC error, the status indicated by the LED on the chassis remains the same color after system reboot or system reset, as long as the error condition remains. However, if the condition on the drive changes to normal (OK) because of user intervention or other means, the LED returns to solid green, indicating the normal (OK) state.

#### **Exceptions to this behavior:**

- SMART errors will retain the blinking red status through initialization, rebuilding, and array creation until the drive is replaced, because the error condition remains.

### ***Operating System Support***

- Windows XP/2K3 - 32-bit and 64-bit with latest Service Packs
- Red Hat WS4 with Update 4 – 32-bit and 64-bit
- SuSE Professional 10.1 – 32-bit and 64-bit
- SuSE Enterprise 10.0 – 32-bit and 64-bit

### ***Errata***

#### **Drive slot/port layout**

The CI Design backplanes are set up for the drives to enumerate from left to right with drive 0 being to the left. The version of the EPCT included in this release sets up the enclosure based on the CI Design backplane, and the drive slots are enumerated from left to right, accordingly.

*Sample Connection Diagram:*



I2C cable connect from  
9650SE-24M8 to CI  
Design backplane



Data cable  
connecting  
24 drives  
from  
9650SE-  
24M8 to CI  
Design  
backplane.



For detail connection information  
refer to the attached CI Design document  
title: CI\_Design\_15-4112-01D.pdf

