



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

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

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

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

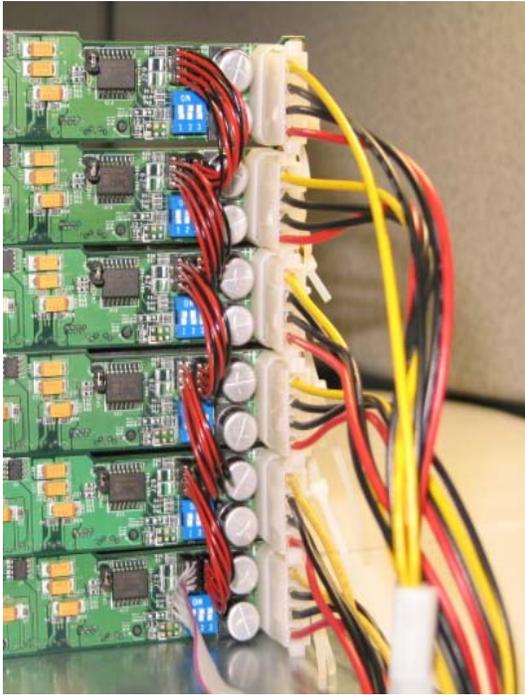
- Windows XP/2K3 - 32-bit and 64-bit with latest Service Packs
- Red Hat WS4 with Update 4 – 32-bit and 64-bit
- SuSE Professional 10.1 – 32-bit and 64-bit
- SuSE Enterprise 10.0 – 32-bit and 64-bit

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

