
CloudSpeed Eco/Ultra Gen II 2.5" SATA, SSD Product Line Channel

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Revision History

Date	Revision	Description
June 2016	C	Legal Disclaimer updated and Western Digital branding
April 2016	B	ZH06
February 2016	A	ZH05 – Initial Release

Part Number - SKU	Product Description	Firmware Code Name
SDLF1DAR-480G-1HA2	CloudSpeed Gen II Eco 2.5" 480GB (.6 DWPD)	ZH06RP41
SDLF1DAR-960G-1HA2	CloudSpeed Gen II Eco 2.5" 960GB (.6 DWPD)	ZH06RP91
SDLF1CRR-019T-1HA2	CloudSpeed Gen II Eco 2.5" 1.92TB (.6 DWPD)	ZH06RPA1
SDLF1DAM-400G-1HA2	CloudSpeed Gen II Ultra 2.5" 400GB (1.8 DWPD)	ZH06RE41
SDLF1DAM-800G-1HA2	CloudSpeed Gen II Ultra 2.5" 800GB (1.8 DWPD)	ZH06RE91
SDLF1CRM-016T-1HA2	CloudSpeed Gen II Ultra 2.5" 1.60TB (1.8 DWPD)	ZH06REA1



ESD Caution – Handling

Static electricity may be discharged through this disk subsystem. In extreme cases, this may temporarily interrupt the operation or damage components. To prevent this, make sure you are working in an ESD- safe environment. For example, before handling the disk subsystem, touch a grounded device, such as a computer case.

Overview

This document describes the changes, known issues, and important notes for the 2.5" CloudSpeed Eco and Ultra Gen II Channel SATA drives and firmware.

ZH06 Firmware

The ZH06 firmware contains the following fixes for channel SKU's ending with SDLF1XXX-XXXX-1HA2:

- Fixed an issue that allowed firmware for a 0.6 DWPD product to be loaded on-top of a 1.8 DWPD product, causing the SSD to no longer function.
- Fixed an issue where the firmware was not being initialized properly, leading to security-set-password failing sporadically.
- Performance improvement that had shown excessive jitter during Random Writes.
- Fixed performance degradation that could be seen after the drive had been left setting idle for an extended period of time. Issue was due to unnecessary recycling.
- Fixed an issue when running Extended DST that could cause Periodic DST to run while Extend DST was still running.
- Performance improvement: Fixed a performance issue seen when processing read commands at full performance, when the prior test involved heavy write activity.

ZH05 Firmware

This is the initial release of firmware ZH05 for channel SKU's ending with SDLF1XXX-XXXX-1HA2

- There are no known firmware issues that have been identify in ZH05

Known issues identified specifically when using an Interposer Card

Interposer Cards: LSISS 2530 and LSISS 2520

- Secure Erase – Enhanced
 - Test Tool SCLI and SGUtil
 - Interposer are not handling enhanced secure erase properly
- Crypto Erase
 - Test Tool SGUtil
 - Support is not available in ALTA for Sanitize command

Interposer Card: LSISS 2530

- Block Erase
 - Test Tool SGUtil
 - SCSI command fails.
 - Note: Block Erase does work with the LSISS 2520 card