7300 Series PCIe NVMe SSD

Firmware Change List

MTFDHBE960TDF, MTFDHBE1T9TDF, MTFDHBE3T8TDF, MTFDHBE7T6TDF, MTFDHBA480TDF, MTFDHBA960TDF, MTFDHBG1T9TDF, MTFDHBG3T8TDF, MTFDHBE800TDG, MTFDHBE1T6TDG, MTFDHBE3T2TDG, MTFDHBE6T4TDG, MTFDHBA400TDG, MTFDHBA800TDG

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Overview

This document describes changes applying to Specific Micron 7300 production drives for the firmware versions referenced below. Questions relating to this change list should be directed to Micron technical support.

Firmware

Engineering Release: 95420260

Summary of Firmware Changes

Changes and improvements made in firmware 95420260 over previous firmware 95420100 are:

- Appending "End to End Error Detection Count" and "CRC Error Count" into extended SMART log page CAh
- Fix for SMD(Out of band data) buffer and access during device boot up
- Improved link train capability which recovered the link speed degradation
- LED activity fix when drive configured as dual port mode & operates in idle mode
- Revised the PCIe vendor ID for U.2 Form Factor
- Extended configuration space access fix for ARM based platform
- Fix for out of band SMART data for health status
- OPROM improvement for BIOS/System compatibility
- NVMe-MI improvement
- Corrected slot clock configuration bit value by Link Status Register changed from 0 to 1
- Power loss detection improvement
- Reliability and stability improvements