INTRODUCTION

The Emerald family of Drive Cartridge System (DCS) is a reliable and rugged removable drive solution with practically all the features that you can dream of. Constructed with heavy gauge precision machined sheet metal, there are ventilation slots on all four sides to ensure efficient cooling. Drive is loaded onto a drive tray and can be secured in place with or without mounting screws. Once the drive tray is loaded into the drive cradle (the receptacle mounted inside the drive bay), the drive tray is locked firmly into the drive cradle via two thumb screws on the front of the drive tray. This eliminates any drive movement or rattling in mobile environment and also assures rock solid connection between the drive tray and the drive cradle. Key lock is included for additional security to prevent the drive tray from taking out of the unit easily. Power and drive access combo LED is clearly visible in the front. The back plane is designed to support full SATA III to ensure reliable 6Gbps data transfer for the fast SSD.

About this model

The EM35DCS is the 3.5" Emerald Drive Cartridge System (EDCS) for standard 3.5" SATA HDD. This EDCS designed to mount into a standard 5.25" drive bay on a Desktop PC, server or computer equipment. 2.5" SATA HDD/SSD can be installed by using the optional Addonics Snap-In 25,   2.5" - 3.5" drive adapter. You may also visit the following link for the detail information on the 2.5" Emerald Drive Cartridge System

Front view

Detail of the drive tray and drive

Drive carrier with 3.5" HDD installed

FEATURES

- Support standard 2.5" HDD/SSD with drive height up to 9.5 mm.
- Support SATA I, II and III
- Install into standard 3.5" drive bay or 5,25" drive bay with an optional 3.5" - 5.25" bay bracket.
- Drive is loaded into a removable drive tray. Securing the drive to the drive tray with screws is optional
- Drive tray can be secured inside the drive cradle with a mechanical key to prevent the removal of the drive tray
- Drive tray is locked tight into the drive cradle by hand via two thumb screws. These thumb screws can also be tighten further with screw driver, a unique feature that prevents the two parts from coming loose or rattling particularly in mobile application or operating environment with frequent shock and vibration.
- SATA and power connectors support cables with clip-connector to ensure secure cable connection
- Sturdy heavy gauge steel metal construction for durability
- Supports hot swap (when connects to SATA port that supports this feature)
- OS independent

SPECIFICIATIONS

- Support drive type: SATA 1, II or III 3.5" HDD
- Connectors on Drive Cradle: 7-pin SATA and 15-pin SATA power male connectors
- Support secure cable connection when using cable equipped with clip connector
- Maximum data transfer rate: 6 Gbps
- Material construction: precision machined sheet metal
- Dimension (L x W x H): ~ 7.17 x 5.75 x 1.67 in. (182 x 146 x 42.5 mm)
- Weight: ~ 34 oz. (964 g)
- Operating temperature and humidity: -0C to +60C, 5% to 90%
- Storage temperature and humidity: -30C to +60C, 5% to 95% non condensing
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