

Harbor

Industry Requirements for Wrapper

Full wrap of the HDD that protects the connector and HDD

Tip over protection molded into wrapper

Positive guide mechanism on wrapper

Locking handle with pre loaded tension on connector

Light pipes enclosed in the wrapper

ESD guard on PCB side of the HDD

ESD fingers between drives

Handle design with locking mechanism for easy insertion and extraction

Air flow design for cooling

Positive conduction of heat to wrapper

Spring loaded latch

Metal cast wrapper

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◆ Status

- ◆ First Prototype RV, Thermal, EMI testing Completed
- ◆ Discuss detailed feature design for wrapper, handle, EMI shield, and bezel.
- ◆ Second Prototype Completed
- ◆ Second Prototype RV, Thermal, EMI testing planned

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◆ Business Impact

- ◆ Standardized carrier will be reused in all Intel Server Systems across the board
- ◆ Standardized drive bay enclosures and back planes for SCSI and FCAL
- ◆ Reduced RV, Thermal, EMI testing with standard carrier
- ◆ Retrofit legacy Server Systems as required by customer
- ◆ Reduced system cost
- ◆ Right thing to do for the server industry