ACE Flight™ RSSD

ACE Flight™ Removable Solid State Drive

❯ RSSDs with orderable storage capacity options, up to 8 TByte

❯ high insertion/extraction cycles

❯ compatible with ACE Flight™ server front removable drive bay

❯ qualified to DO-160G (PMA)

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Product Highlights

ACE Flight™ Removable Solid State Drive

The Removable Solids State Drives (RSSD) are small form factor 2.5" Serial ATA drives that are housed in independent aluminum canisters. This specialized housing is designed to install easily into the ACE Flight™ Server front removable drive bay and supports the high shock and vibration requirements required in avionics environment.

A specialized connector ensures continued reliability even after thousands of insertion/extraction cycles. Once installed, the lower thumbscrew is hand tightened down into the housing to ensure a secure mate and installation into the server.
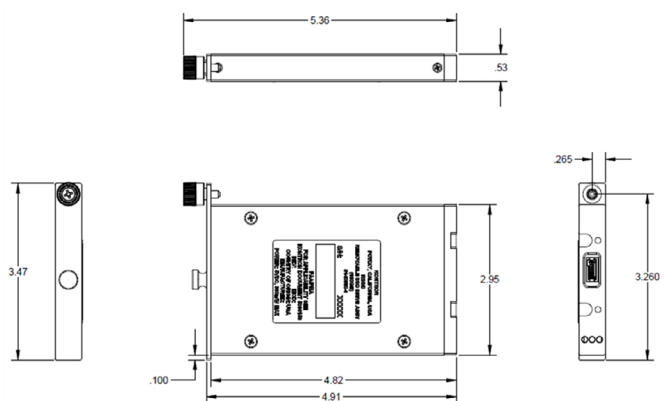
Technical Information

FORM FACTOR	2,5" Solid State Drive
HARDWARE ENCRYPTION	AES 256-bit
INSERTION/EXTRACTION	> 10.000 cycles
MTBF	2.000.000 hrs Model: Telcordia Issue 2 Method I Class 3 Environment: AIC, AC – Airborne Inhabit Cargo, Commercial Temperature: 40 Deg. C
OPERATING TEMPERATURE	-15 °C to +55 °C
WEIGHT	0.45 Lbs | 0.20 kg
DIMENSIONS	4.9" [125 mm] D x 0.5" [13 mm] W x 3.5" [89 mm] H

Ordering Information

ARTICLE	DESCRIPTION
5140550-3	RSSD Assembly, 1 TByte
5140550-4	RSSD Assembly, 2 TByte
5140550-131	RSSD Assembly, 1 TByte
5140550-132	RSSD Assembly, 2 TByte
5140550-133	RSSD Assembly, 4 TByte
5140550-134	RSSD Assembly, 8 TByte
5140550-031	RSSD Assembly, 1 TByte, No PMA (Lab use)

Contact Factory for Availability

About Kontron

Kontron is a global leader in IoT/Embedded Computing Technology (ECT) and offers individual solutions in the areas of Internet of Things (IoT) and Industry 4.0 through a combined portfolio of hardware, software and services. With its standard and customized products based on highly reliable state-of-the-art technologies, Kontron provides secure and innovative applications for a wide variety of industries. As a result, customers benefit from aceerated time-to-market, lower total cost of ownership, extended product lifecycles and the best fully integrated applications.

For more information, please visit: **www.kontron.com**

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