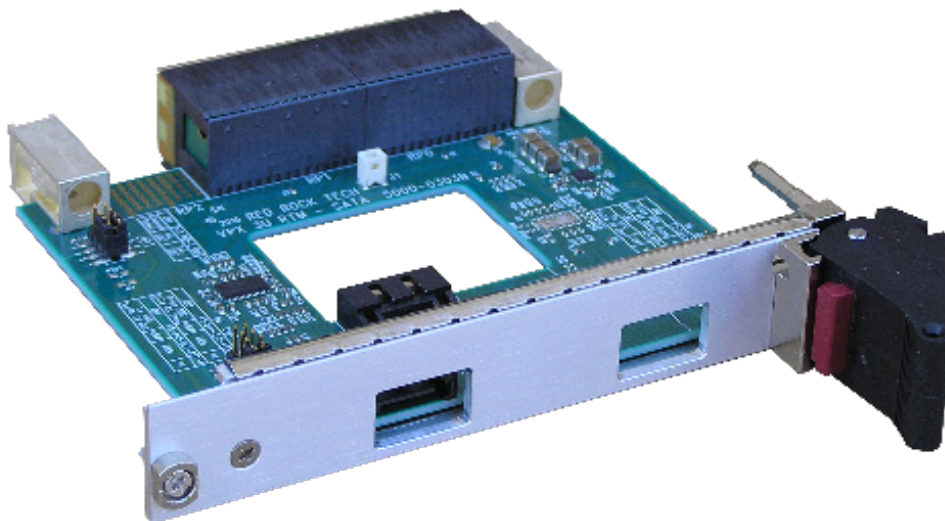




RRT-3UVPX-RTM-SATA 3U VPX RTM SATA Adapter

THE 3U VPX REAR TRANSITION MODULE (RTM) SATA ADAPTER provides SATA interface to Red Rock VPX SATA products via VPX backplane. It can be connected either internally within VPX chassis to single board computer (SBC) or externally to a computer outside VPX chassis. Connections are made with standard 7-pin SATA cable.

- VPX form factor
- Compatible with OpenVPX system architecture
- SATA interface to VPX backplane
- VITA 46, 47, 48, 65 compliant
- High performance SATA2 (SATA300) transfer rates. Compatible with SATA1
- Connector for discrete input for secure erase
- Compatible with all CPU's with a SATA controller
- Power supplied from VPX backplane



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Ordering Information

3U VPX RTM SATA Adapter

RRT-3UVPX-RTM-SATA- A100 - UR - X

Requirements

Cooling

A100 Air cooled, 1.00" pitch

Options May be left blank

Conformal Coating

UR Polyurethane

AR Acrylic

Extended Temperature Range

X -40° to 85°C

ORDER EXAMPLES

RRT-3UVPX-RTM-SATA-A100

RRT-3UVPX-RTM-SATA-A100-UR

RRT-3UVPX-RTM-SATA-A100-AR-X



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Product Specifications

3U VPX RTM SATA ADAPTER

PERFORMANCE	
INTERFACE ¹	SATA2 (SATA300)
RELIABILITY	
MTBF - DRIVE MODULE ²	3 million hours
POWER	
VOLTAGE	5 V+/- 5%
WATTS (IDLE)	1 W
WATTS (ACTIVE)	1.5 W
ENVIRONMENTAL	
OPERATING TEMP., VITA 47 CLASS ³	0°C to 70°C, CC1, AC1
EXTENDED OPERATING TEMP., VITA 47 CLASS ³	-40°C to 85°C, CC4, AC3
STORAGE TEMP.	-40°C to 85°C
RELATIVE HUMIDITY	5% to 95%
PHYSICAL	
FORM FACTOR	3U VPX
WEIGHT	10 oz. max
PITCH	0.8", 0.85" and 1.0" options
NOTES	
(1) Interface connected via compatible slot profile SLT3-STO-2U-14.5x or rear transition module	
(2) Telcordia SR-322, Issue 3, operating temp (40C), electrical stress (50%), environmental factor (1.0)	



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