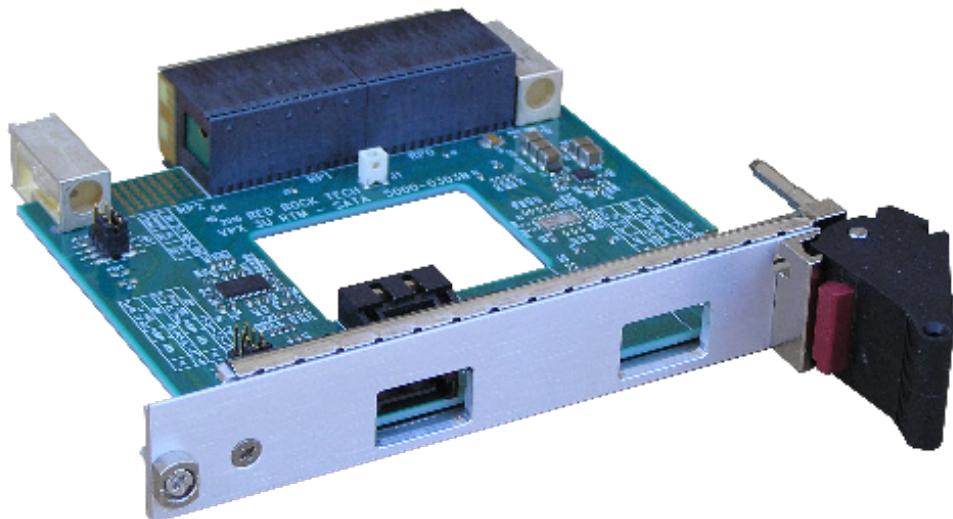




RR-3UVPX-RTM-SATA 3U VPX RTM SATA Adapter

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



Ordering Information

3U VPX RTM SATA Adapter

RRT-3UVPX-RTM-SATA- - -

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



206 W Julie Drive, Ste. 2
Tempe, AZ 85283



(480)-483-3777



www.redrocktech.com



contactus@redrock.com

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)



Red Rock Technologies, Inc. reserves the right to modify, change or discontinue specific products within its product line at its own discretion. Red Rock Technologies, Inc. does not assume any liability resulting from the application or use of its products. The information contained herein has been checked and is believed to be entirely accurate; however, no responsibility is assumed for inaccuracies. "Red Rock Technologies" and the mountain logo are registered trademarks of Red Rock Technologies, Inc.

© Copyright 2022 Red Rock Technologies, Inc.
All rights reserved. (Rev. 20220603a)