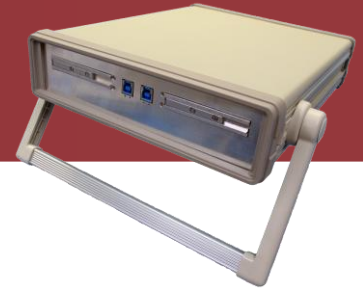


# External USB Carrier Box for Removable Drive Modules



## RRT-EXT-USB-R

The external USB Carrier for Removable Drive Modules box provides means to transfer data between Red Rock Technologies' drive modules and any system with a USB interface. The external USB carrier box is an accessory for the following Red Rock Technologies products:

6U VME USB3 Carrier with Removable Drive Modules  
6U VME SATA Carrier with Removable Drive Modules  
3U VPX SATA Carrier with Removable Drive Modules  
3U VPX PCIe Carrier with Removable Drive Modules

## FEATURES INCLUDE

- USB Interface
- Options for 1 or 2 drive modules
- Commercial and extended temperature versions
- Rugged removable module design with high reliability connectors rated for 100,000 mating cycles
- Drive Modules use COTS 2.5" drives for wide variety of options and capacities up to 2TB
- Compatible with all systems with a USB controller
- High performance USB 3.0 transfer rates. Backwards compatible with USB 2.0
- Front panel activity LEDs
- Current limited
- No additional software required

# Ordering Information

**RRT-EXT-USB-R** - 1 - UR - X

## Requirements

### Drive Modules

1 - 1 drive module  
2 - 2 drive modules

## Options (may be left blank)

### Conformal Coating

UR - polyurethane  
AR - acrylic

### Extended Temperature Range

X - -40 to 85C

Drive modules sold separately

## External USB Carrier with Removable Drive Module Specifications

Performance	
Interface	USB3
Reliability	
MTBF - Carrier	3 million hours
Carrier/Drive Module Mating Cycles	100,000
Power	
Voltage	+5V +/- 5%
Watts-idle	1
Watts-active	5
Environmental (3)	
Temperature Operating	0° to 70°C
Temperature Storage	-40° to 85°C
Extended Temperature - Storage	-40° to 85°C
Extended Temperature - Operating	-40° to 85°C
Relative Humidity	5% to 95%
Altitude	80,000 ft (24,000 meters)
Shock	50g 11 millisecond
Vibration	12.0 Grms 20 Hz to 2000 Hz
Physical	
Dimensions (W x L x H)	13" x 11" x 3" (330mm x 280mm x 77mm)
Weight	5 lb. max (2.27kg)

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206 West Julie Drive - Suite 2, Tempe, AZ 85283 | United States of America

Tel: 480-483-3777 | Toll Free: 1-800-808-7837

www.redrocktech.com | info@redrocktech.com

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