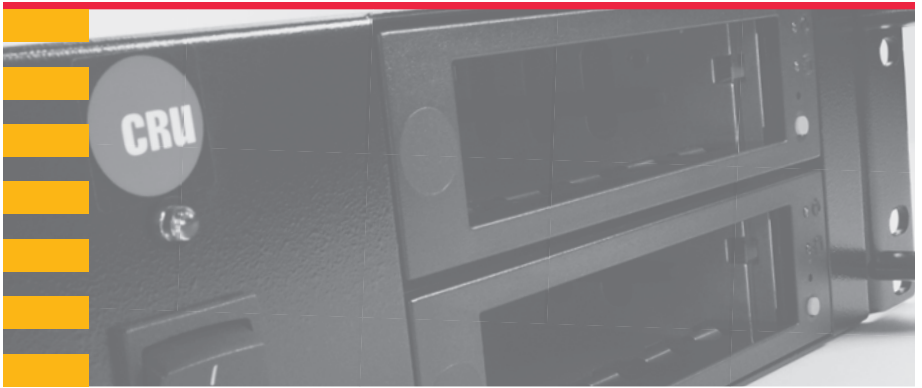




Protecting
Your Data™



RAX425DC-XJ

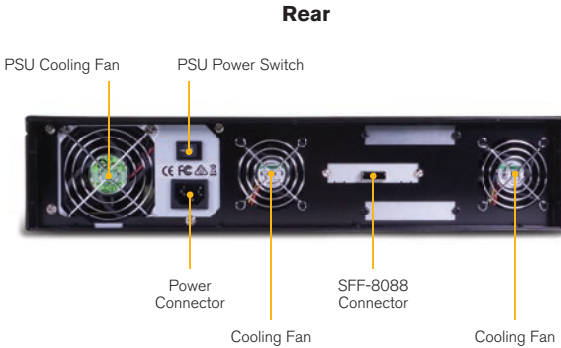
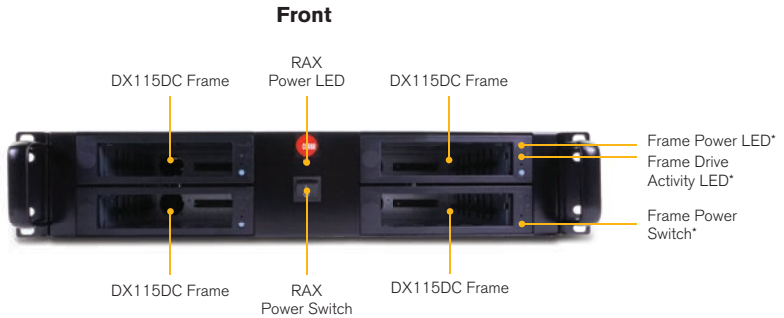
Quick Start Guide

Features

- Quick ingestion or duplication of DCP
- Accepts up to four CRU® DX115DC carriers
- Rugged and reliable all-metal construction
- Auto Start feature powers up the drive seconds after insertion without having to push the power button



1 Identifying Parts



2 Installation Steps

2.1 RAX425DC-XJ Setup

- a. Attach the included SFF-8088 data cable to the rear of the RAX® unit and to your server or ingestion system.
- b. Plug in the power cord.
- c. Turn on the power by flipping the power switch on the front of the RAX unit.

2.2 Hard Drive Installation

- a. If a carrier is bundled with the RAX unit, push in on the ejection handle of the carrier to pop it out. Use the handle to remove the carrier from the frame.
- b. Use a Phillips screwdriver to remove the two screws securing the carrier cover. The screws are located on either side of the front of the carrier.

*Each DX115DC frame has one (1) Frame Power LED, one (1) Frame Drive Activity LED, and one (1) Frame Power Switch located to the right of each respective drive bay.

- c. Remove the cover and attach a 3.5-inch or 2.5-inch drive to the unified power and data connector inside of the carrier.
- d. With one hand on the top of the drive, turn the carrier over. Then secure the drive to the carrier using the mounting screws provided.
- e. Reattach the carrier cover and secure it using the two screws you removed in Step B.

3 Operating Your RAX425DC

Slide up to four DX115DC drive carriers into the RAX unit, then push each carrier handle in until it clicks into place. After a few seconds, the carrier(s) will automatically start up. Your RAX is now ready to use!

To eject a carrier, ensure there are no file transfers in progress and the amber Frame Drive Activity LED is off. Then press the Frame Power Switch to turn off the frame and safely remove the carrier.

4 Rack Mounting Warnings

- **Elevated Operating Ambient Temperature:** The operating ambient temperature of the rack environment may be greater than the room ambient temperature if the enclosure is installed in a closed or multi-unit rack assembly. Install the equipment in an environment compatible with the maximum ambient temperature of 40° C.
- **Reduced Air Flow:** Do not block or inhibit the air flow required for safe operation of the enclosure.
- **Mechanical Loading:** Use care when mounting the rack in order to prevent injury.
- **Circuit Overloading:** Do not overload the circuits. Refer to the name plate ratings on the equipment.
- **Reliable Grounding:** Maintain reliable grounding of rack-mounted equipment by using indirect connections to the branch circuit (i.e. UPS battery backups, power strips).
- **Removing the Cover:** Turn off and unplug the enclosure before removing the cover.

5 LED Behavior

LED Name	Color	State	Description
RAX Power	Green	Solid Green	The RAX unit is powered on.
Frame Power*	Blue/Red	Flashing Blue	Carrier is inserted and the drive inside is powering up.
		Solid Blue	Drive is powered on and ready for access.
		Flashing Red and Blue	Fan failure. Please contact Technical Support.
		Solid Red	Frame power failure. Please contact Technical Support.
Frame Drive Activity*	Amber	Flashing**	Indicates when the host computer is accessing data on the drive.

**Some SATA PC systems/host controllers do not provide support for the Drive Activity LED feature, in which case the Drive Activity LED may light up as a solid amber color or not at all.

Product Models	RAX425DC-XJ
Interface Types & Speeds	Multi-lane SAS/SATA (SFF-8088): up to 6 Gbps
Supported Drive Types	2.5-inch and 3.5-inch SATA hard drives and SSDs 2.5-inch and 3.5-inch SAS hard drives and SSDs
Data Connectors	One (1) SFF-8088 connector
Insertion Rating	Up to 30,000 carrier insertions per DX115DC frame
Torque	2.5-inch drives, M3 screws: 4 inch-pounds max. 3.5-inch drives, #6-32 screws: 6 inch-pounds max.
Supported Operating Systems	Windows 10, 8.1, and 7 Windows Server 2016, 2012 and 2008 product families macOS 10.12 "Sierra" or newer Linux distributions that support the connection type used
Compliance	EMI Standard: FCC Part 15 Class A EMC Standard: EN55022, EN55024 CE, RoHS, RCM
Product Weight	Unpopulated: 15 pounds (6.81 kg) Populated: 23 pounds (10.44 kg)
Product Dimensions	16.89in W x 16.26in L x 1.74in H (429mm W x 413mm L x 44mm H)
Technical Support	Your investment in CRU products is backed up by our free technical support for the lifetime of the product. Contact us through our website, cru-inc.com/support or call us at 1-800-260-9800 or +1-360-816-1800.

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Product Warranty

CRU warrants this product to be free of significant defects in material and workmanship for a period of two years from the original date of purchase. CRU's warranty is nontransferable and is limited to the original purchaser.

Limitation of Liability

The warranties set forth in this agreement replace all other warranties. CRU expressly disclaims all other warranties, including but not limited to, the implied warranties of merchantability and fitness for a particular purpose and non-infringement of third-party rights with respect to the documentation and hardware. No CRU dealer, agent, or employee is authorized to make any modification, extension, or addition to this warranty. In no event will CRU or its suppliers be liable for any costs of procurement of substitute products or services, lost profits, loss of information or data, computer malfunction, or any other special, indirect, consequential, or incidental damages arising in any way out of the sale of, use of, or inability to use any CRU product or service, even if CRU has been advised of the possibility of such damages. In no case shall CRU's liability exceed the actual money paid for the products at issue. CRU reserves the right to make modifications and additions to this product without notice or taking on additional liability.

FCC Compliance Statement: "This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation."

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a home or commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

In the event that you experience Radio Frequency Interference, you should take the following steps to resolve the problem:

- 1) Ensure that the case of your attached drive is grounded.
- 2) Use a data cable with RFI reducing ferrites on each end.
- 3) Use a power supply with an RFI reducing ferrite approximately 5 inches from the DC plug.
- 4) Reorient or relocate the receiving antenna.

