



Protecting
Your Data™



DataPort® DP25 SAS 6G

Quick Start Guide

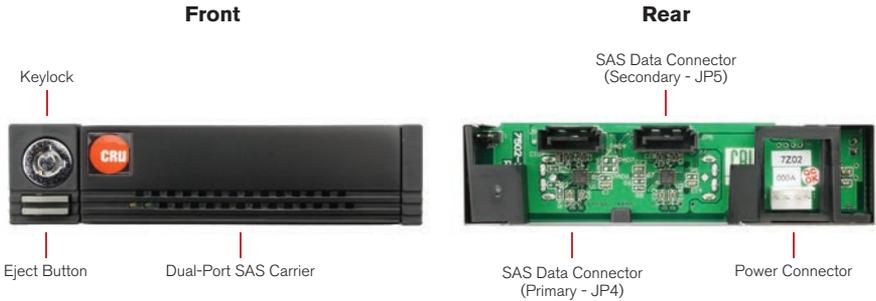
Features

- Supports 6 Gigabits per second (Gbps) transfer speeds of SAS or SATA drives
- Supports 2.5-inch SATA enterprise drives requiring 12V
- Fits any standard 3.5-inch floppy drive bay
- Universal frame supports both SAS and SATA removable drive carriers
- Supports failover automation via third-party SAS expander cards
- Heavy-duty stainless steel construction
- Retractable eject button



1 General Information

1.1 Identifying Parts



1.2 LED Behavior

LED	Color	STATE	Description
Drive Power	Green	Solid	The drive inside the bay is powered on.
Drive Activity	Amber	Blinking	The drive inside the bay is being accessed by your computer.

2 Installation Steps

2.1 Frame Installation

- Slide the receiving frame into an open 3.5-inch bay in your computer and secure it to the chassis using the mounting screws provided.
- Attach a SAS data cable to the JP4 connector on the rear of the frame and attach the other end to the appropriate SAS host. JP4 is your SAS drive's primary channel.
- If you plan to use failover automation (see Section 4), attach a SAS data cable to the JP5 connector on the rear of the frame and attach the other end to the appropriate SAS host. JP5 is your SAS drive's secondary channel.
- Attach a 4-pin floppy power connector to the rear of the receiving frame. The frame requires both +12VDC and +5VDC to operate. Most floppy connectors fulfill this requirement.

2.2 Drive Installation

- If a carrier is bundled with the frame, press the eject button once to release the button, and again to eject the carrier from the frame. If the lock is engaged and the eject button will not release the



carrier, insert the provided Dataport Key into the frame and turn it 90 degrees counterclockwise to release the lock so that you can eject the carrier.

- b. Remove any screws securing the cover to the rear of the carrier and then remove the cover.
- c. Insert a 2.5-inch SAS or SATA drive with the top label facing up into the unified power and data connector inside the carrier.
- d. Secure the drive to the carrier by using the mounting screws provided from the screw kit.
- e. Replace the cover and secure it to the rear of the carrier with two screws provided to you.

3 Operating Your DP25

3.1 Basic Operation

- a. Slide the DP25 carrier into the frame.
- b. Insert the DataPort Key into the keylock and turn it 90 degrees clockwise to secure the carrier into the frame and power it on.

Your DP25 removable drive enclosure is now ready to use! If the drive is already formatted, it can be used right away. If the drive is brand new, or its format is not compatible with your computer, it will need to be formatted before being used.

STOP!

Formatting a drive will erase all data on the drive, so be sure to back up your data before beginning this operation.

3.2 Safe Carrier Removal

- a. Turn off the computer or properly dismount the drive from the system. To dismount the drive, ensure there are no file transfers in progress and no blinking activity on the amber Activity LED before turning the DP25 off.
- b. Insert the DataPort Key into the keylock and turn it 90 degrees counter-clockwise to unlock and power off the unit.
- c. Push the eject button below the keylock once to release the button, and again to eject the carrier.

4 Failover Automation With a Dual-Port SAS Carrier

If the primary data channel (JP4) on the rear of the DP25 frame fails, failover software can automatically switch over to the secondary data channel (JP5) with no interruption. This functionality requires two SAS expander cards (sold separately) and an OS that supports failover clustering. When using SAS drives, add a redundant data connection by plugging the primary data channel (JP4) into one SAS Expander and the secondary data channel (JP5) into another.

Product Models	DataPort DP25 SAS 6G
Interface Types & Speeds	SAS/SATA (up to 6 Gbps)
Supported Drive Types	2.5" SAS or SATA hard drives requiring up to 12V 2.5" SAS or SATA SSDs requiring up to 12V
Data Connectors	Two (2) SAS/SATA connectors
Insertion Rating	Up to 30,000 carrier insertions
Torque	2.5-inch drives, M3 screws: 4 inch-pounds max.
Supported Operating Systems	Windows 10, 8, and 7 Windows Server 2016, 2012 and 2008 product families OS X/macOS 10.11 "El Capitan" or newer Linux distributions that support the connection type used
Compliance	EMI Standard: FCC Part 15 Class B EMC Standard: EN55022, EN55024 UL, CE, RoHS, RCM
Product Weight	0.9 pounds (0.41 kg)
Product Dimensions	4.02in W x 6.10in L x 1.02in H (102mm W x 155mm L x 26mm 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 five 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.

