DataPort 10 SAS/SATA Install Guide

The DataPort 10 SAS/SATA provides high performance removable storage in a compact enclosure designed to fit most desktop and mini-tower 5.25" bays. Rugged all aluminum construction provides superior heat dissipation needed by 15K RPM 3.5" SAS or SATA Hard Disk Drives. The interconnect is warranted for 30K insertions and 3Gb/sec full duplex operation which delivers up to 600 MB/sec for certain applications. The DP 10 SAS/SATA frame can support either a DP 10 SATA Carrier or the DP 10 SAS carrier when connected to a SAS Host Bus Adapter. This feature allows data migration from SATA systems to SAS Workstations or Servers.

Package Contents

1 - DataPort frame assembly
1 - DataPort carrier assembly
1 - Metal cover
5 - #6-32 x 1/4 flat head screws for drive mounting
4 - M3 x 5 pan head screws for frame installation
2 - Keys for lock

Mounting the Frame in the Computer

1. Turn off the computer and disconnect its power cord from the electrical outlet. Before working on your computer, wait one minute for any residual energy to dissipate. Remove the cover of the computer. Determine the 5.25" half-height bay where you plan to mount the DataPort frame assembly. Remove any filler plates that may be present.

2. To direct mount the frame assembly.
   Slide the frame into the 5.25" bay of the PC case. Using the screws provided, secure the frame assembly to the PC case using the frame's side or bottom mount holes.

3. To rail mount the frame assembly.
   If the drive bay requires mounting rails, install one on each side of the frame. The mounting rails should come with your computer system.

4. Locate a SAS or SATA data cable and connect it to the data connector on the frame. To support SAS drives the DataPort 10 SAS/SATA must be connected to a SAS host bus adapter.

5. Locate an available 15-pin SAS/SATA power cable from the computer power supply and plug it into the power connector on the frame.

The frame installation is now completed.

Mounting a Hard Drive in the Carrier

1. The metal cover for DataPort 10 is secured by a screw. Remove the screw and slide the top cover off the DataPort 10 carrier.

2. Slide the hard drive in from the front of the carrier and connect it to the carrier board. If the hard drive does not fit, remove the screw holding the circuit board in the carrier. Place the hard drive in the carrier, then connect the circuit board to the hard drive. Secure the circuit board with the screw and then secure the hard drive with the provided screws.

3. Attach the Temperature Control Cooling Sensor (TCCS) to the top of the hard drive with an adhesive strip. After the drive has been installed, replace the top cover and secure it with the provided metal screw.

4. Insert the carrier into the frame assembly. Ensure that the lock of the DataPort is in the "open" (vertical) position. Position the carrier on the guide rails, and then slide the carrier into the frame. Using thumb pressure, fully seat the carrier in the frame and lock the unit with the key lock.

Operation

Turn on the Power

The lock on the DataPort locks the carrier in place and also serves as the power "ON/OFF" switch. Turn the lock 90 degrees clockwise to the "ON" position before turning on the computer. When the computer is turned on, the "Power On" LED (green light emitting diode above the key on the frame assembly) is illuminated, and your system should operate normally.

Activity LEDs

The DataPort 10 supports the Serial ATA drive activity feature and the SAS drive ready activity . If the hard disk drive does not support Serial ATA drive activity the LED activity will be determined by the hard disk drive; usually the LED will be off.

Fan Failure Alarm

The fan failure alarm function is a standard feature on the DataPort 10. If the cooling fan should fail, an alarm will beep and the green LED on the upper left corner of the DataPort will flash indicating fan failure. Removal of the jumper on JP6 will silence the audible alarm on the frame. Save the jumper and re-install it after replacing the fan. Please contact CRU to obtain a replacement fan.

Limited Product Warranty

CRU-DataPort (CRU) warrants the DataPort 10 SAS/SATA to be free of significant defects in material and workmanship for a period of five (5) 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.

To register your product please go to www.CRU-DataPort.com

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