

DataPort VII Installation Guide



Frame Installation

1. Turn off the computer and disconnect the power cord from the electrical outlet. Before working on your computer, wait one minute for any residual energy to dissipate. Ground yourself by touching the chassis of the computer.
2. Locate an available 5.25" half height bay.
Remove the cover of the computer. Identify the 5.25" half-height bay in which you plan to mount the DataPort frame assembly. Examine the bay to determine the location of mounting holes or whether mounting rails are required. Remove any filler plates that may be present on the computer.
4. Rail mounting the frame.
If the drive bay requires mounting rails, install one on each side of the frame. The mounting rails should be provided with your computer system.
5. Direct mounting the frame.
Slide the frame into the 5.25" bay; some computer bezels will not allow the frame to be inserted from the front. Install the frame from inside the computer. Secure the frame with the screws provided.
6. Connect the DC power cable.
Locate an available 4-pin DC power cable from the computer power supply and plug it into the receptacle on the frame.
7. Connect the data cable to the frame.
For SCSI locate an available SCSI connector on your SCSI cable and connect it to the SCSI connector on the frame. For IDE locate an available IDE cable and connect it to the IDE connector on the frame.

The frame installation is now complete; follow the instructions below for carrier installation.

Mounting a Hard Drive in the Carrier

1. Remove the carrier's top and bottom covers. The metal covers for the DataPort carrier are snapped into place on the carrier without any screws. Use the supplied cover removal tool or a small flat head screwdriver for this task.
 - For SCSI drives connect the SCSI ID selector switch to the SCSI ID selector header on the hard drive. See Connecting the SCSI ID Selector Switch section in the Operation section for more details.
 - For IDE drives jumper the hard drive as Cable Select or Master/Slave as needed.
2. Plug the 4-pin DC power cable into the power connector on the hard drive and ensure it is fully seated.
3. Connect the data cable in the carrier to the hard drive.

- Place the drive in the carrier and use the four screws provided to side-mount the hard drive. Position the cables inside the carrier assembly so that they are completely enclosed within the carrier. Attach the Temperature Control Cooling Sensor (TCCS) to the top of the hard drive with an adhesive strip (or a piece of tape.) Replace the top and bottom covers on the carrier.
- Position the carrier on the frame's guide rails and slide the carrier in. Using thumb pressure, fully seat the carrier in the frame and lock the carrier with the keylock. You have finished the installation and your DataPort is ready for operation.

Operation

Connecting the SCSI ID Selector Switch

NOTE: It may not be necessary to use the SCSI ID selector switch, the SCSI ID can be set with the hard drive jumpers. Refer to hard drive documentation for details.

The CRU DataPort VII SCSI carrier has a SCSI ID selector dial switch which allows you to externally set the drive SCSI ID number. The selector switch is connected to the SCSI ID selector header on the drive by a BCD cable. To connect the BCD cable use the following directions.

- Locate the SCSI ID selector header on the hard drive and remove the jumpers. Refer to the drive documentation to locate the SCSI ID selector header.
- For 68-pin wide SCSI devices see diagram 1.

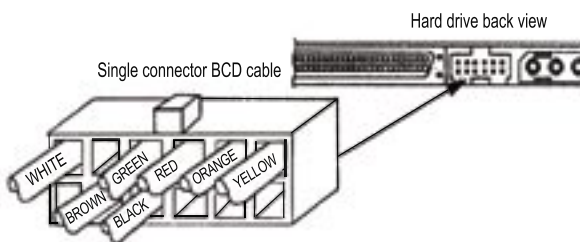


Diagram 1

DataPort VII LED functions.

The green LED on the DataPort VII will light up when the DataPort is locked and powered up. The green LED will blink when the fan is not functioning. The red LED is the drive activity LED and will flash when there is drive activity.

Fan Alarm

The DataPort VII has a fan alarm that will sound if the fan no longer functions properly. The alarm can be silenced by removing the jumper between the fan and the alarm on the back of the DataPort frame. Save the jumper and re-install it after replacing the fan. Please contact CRU to obtain a replacement fan.

Product Warranty

CRU-DataPort (CRU) warrants the VII 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 noninfringement 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.

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