

Installation Instructions

Roadrunner Mounting Kit for VME Rack Mount Systems

The following steps should be followed to install your Roadrunner hardware into a VME rack mount chassis (10 slot). Use these steps in conjunction with the detailed instructions provided for the particular type of Roadrunner adapter board included with your Roadrunner product.

1. Disconnect and remove the existing SCSI cable in your rack mount system, and replace it with the new SCSI cable included in the mounting kit. Plug the external terminator into one end of this SCSI cable and route the cable between the power supply and card cage. Plug the cable into the SCSI peripherals and route the remaining end of the SCSI cable over the top of the motherboard.
2. Install the CPU adapter card onto the existing CPU board, following the appropriate instructions contained in the detailed instructions provided for your particular type of Roadrunner adapter board.
3. Assemble the mounting plate and the Roadrunner upgrade CPU board with the four screws provided in the mounting kit. The Roadrunner board should be centered on the mounting plate, with the SCSI connector nearest the motherboard when the mounting plate is installed in the card cage.
4. Slide the Roadrunner CPU board assembly into the third slot from the top of the card cage. Slots one and two must be empty. Make sure that the memory SIMM module is installed into the Roadrunner CPU board, and that the mounting plate ejectors are positioned properly at the opening of the card cage.
5. Plug the remaining end of the SCSI cable, routed over the top of the motherboard in step 1 above, into the Roadrunner CPU board.
6. Install the two 34 pin flat cables between the Roadrunner CPU board and the CPU adapter card mounted in the existing CPU board. Follow the cabling instructions in the detailed instructions provided for your particular type of Roadrunner adapter board. Route the cables from the Roadrunner CPU board around the ejector end of the Roadrunner mounting plate cage and down to the existing CPU board.
7. Connect the DC power cable from the 4-pin power connector on the motherboard directly to the Roadrunner CPU board.
8. Re-install the card cage board retaining bracket onto the card cage. Make sure that the ejectors are captured in the card cage sides in order to secure the Roadrunner CPU mounting bracketed in the card cage.
9. Refer to the detailed PDI (installation instructions) for additional details on the complete Roadrunner installation and testing.