MicroCom DXI

SAC-110

Service, Administration, and Control Computer

Description

The SAC-110 is the rack mount version of the MicroComm DXI Service, Administration, and Control (SAC) computer. Each SAC computer (or optional hot standby redundant SAC computer pair) controls a MicroComm DXI exchange. Up to twenty exchanges can be connected to form a MicroComm DXI system. Virtually all MicroComm DXI operating functions can be externally controlled through its dedicated host port networks and common protocal

The SAC computer is an IBM PC compatible computer with the following minimum requirements:

- x86 compatible CPU
- 1 GB Hard Drive (or higher)
- video card
- ethernet port
- modem
- exchange data network card
- two serial ports
- QNX 4.X operating system
- MicroComm DXI system software

Features

- maintenance test routines for testing I/O boards in conjunction with board test modules
- on-line modification of system configuration data
- pairs of SAC computer may be configured for ‘hot standby’ redundant operation
- redundant SAC computers can be operated from a single keyboard and monitor with keyboard/monitor switch
- Ethernet SAC data network communications
- LonWorks exchange data network communications
- Ethernet and other various host port communications networks
- logging and on demand printing of all system activity
- user and maintenance levels of log display
- factory service assistance via modem/ethernet

Specifications

Physical	
CPU Case	4U 19” rack mount 16.6” W x 6.9”H x 23.5” D (422 x 176 x 596 mm)
Environmental	
Operating Temperature	32 to 113 °F (0 to 45 °C)
Storage Temperature	32 to 122 °F (0 to 50 °C)
Humidity	0 to 95 % non-condensing
Power Supply	nominal 110 VAC 5 A max standard 6 ft AC power cord
Standards	FCC Part 15, UL, CSA
Other	standard IBM PC compatible serial, parallel, VGA, and keyboard ports

Mechanical

Ordering Information

Part Number SAC-110-ABC-DEF

- A Computer Case Options
  - 1 rack mount
  - 2 rack mount (2 unit - limited options)
  - 3 rack mount with CD audio output
  - 5 rack mount with ISA slots
  - 6 rack mount with ISA slots and CD output
- B Card 1 options
  - 0 no card
  - 1 1 direct connect o/p (no longer available)
  - 2 1 direct connect + 1 FTT o/p (no longer available)
  - 3 1 FTT o/p (no longer available)
  - 4 2 FTT o/p (no longer available)
  - 5 1 FTT o/p - PCI Card
- C Card 2 options
  - 0 no card
  - 1 1 direct connect o/p (no longer available)
  - 2 1 direct connect + 1 FTT o/p (no longer available)
  - 3 1 FTT o/p (no longer available)
  - 4 2 FTT o/p (no longer available)
  - 5 1 FTT o/p - PCI Card
- D Ethernet options
  - 0 none
  - 1 Silver Streak (no longer available)
  - 2 AUI (no longer available)
  - 3 10/100 base T (standard)
  - 4 10 base 2 (no longer available)
  - 5 FOIRL (no longer available)
- E Modem options
  - 0 none
  - 1 internal
- F Other cards
  - 0 none
  - 3 Ethernet 10/100 base T (2 total)
  - 4 two Ethernet 10/100 base T (3 total)
  - 9 specify

Replacement Hard Drives

Part Number HDR-100	SAC IDE PATA Hard Drive *
Part Number HDR-103	SAC IDE SATA Hard Drive *

* Contact the factory to arrange for pre configuration of hard drives

Accessories

LCD keyboard/monitor

keyboard/monitor switch

HARDING

9564 Yellowhead Trail NW
Edmonton, AB T5G OW4
sales@harding.ca

Tel 780.462.7100
Fax 780.450.8396
www.harding.ca

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