

ELECTRONIC VISIONS, INC.

Universal SCSI Disk Controller RDU1200

DESCRIPTION

The Small Computer System Interface (SCSI) has become the most popular of the systems being designed today because it offers numerous types of peripheral and interface options including 3.5" and 5.25" magnetic disk media, optical disk.

The RDU1200 is a direct replacement disk sub-system for a 4128, 4176, 4176A, 4180 or 4186 controllers from MODCOMP. The sub-system is available in PCI or PCE format and requires a single MODCOMP I/O slot plus at least 4" of open rack space. All ROM resident firmware which emulates the MODCOMP specific controller is covered by a single machine license for the EVI proprietary firmware.

The SCSI disk media may be either fixed or removable with capacities from 40Mb to 1.2 gb per unit and up to 4 units per system.

The controller is designed around a MOTOROLA M68000 MPU and a SCSI Controller. The SCSI controller interfaces the MPU 16 bit data bus to the SCSI 8 bit data bus and performs a synchronous transfer rate of 5.3 megabytes/second.

The disk sub-system is a MODCOMP Standard 19" rack mountable chassis 4" in height with a high efficiency 200 watt switching power supply. This chassis will house up to four half height removable or fixed disk drives.

Data and command buffers of up to 8kb are standard on the controller to smooth the transfer to and from the MODCOMP I/O bus. The 8mb of high-speed peripheral cache significantly increase the computers performance. The cache memory consists of two 4mb SIMMS.

FEATURES

Software	The RDU1200 runs with MODCOMP STANDARD HANDLERS.
Drives	Drives may be removable if they are no larger than 3.5" half height, larger drives are non removable fixed media.
Reliability	70,000 hours mean time between failure (MTBF), 5 minute mean time to repair (MTTR). These type of drives do not require any type of preventative maintenance (PM).
Write Protect	Each disk unit may be individually write protected.
Security	Key lock available on removable units to prevent unauthorized removal of disk unit.
Warranty	90 day which provides freight pre-paid subassembly/parts exchange. On-site support is not included. Shipping weight is approx. 25lbs.



RDU1200 Removable Disk Unit

ORDERING CONFIGURATION OPTIONS

Option 1	PCI / PCE configuration.
Option 2	Power 115/230VAC 50/60HZ.
Option 3	Removable or fixed media.
Option 4	Write Lockout Switches
Option 5	Disk Mirror
Option 6	Disk Sharing (up to seven Hosts)

REQUIREMENTS

MAX III, MAX IV or MAX 32

Single I/O slot and 4" of available rack space.

Electronic Visions, Inc's products are of the highest quality and designed with the customers needs in mind. All products are delivered with a one year, return to factory warranty.

If you would like more information on this or any of the other products offered by Electronic Visions, Inc. please contact us at any of our offices listed.

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