Self-Healing Parallel Drive Array 1.2, 2.5, and 4 GB Capacities

CPR for the Micro Channel®
- Capacity
- Performance
- Reliability

Known as the CPR Series™, the new self-healing Drive Array, from CORE International, now reaches another milestone — enhancement products that help Micro Channel® system users protect their investment.

Move 4x as much data.

Hybrid architecture delivers superior performance. The CPR Series Arrays from CORE employ a unique blend of SCSI and ESDI interface technology to maximize the capacity, performance, and reliability.

By specifying ESDI for the drive to controller interface you gain the benefit of ultra high-speed drive to controller data transfers.

And by specifying SCSI as the ARRAY to SERVER interface you enjoy the benefits of parallel data transfers at up to 5MB/sec.
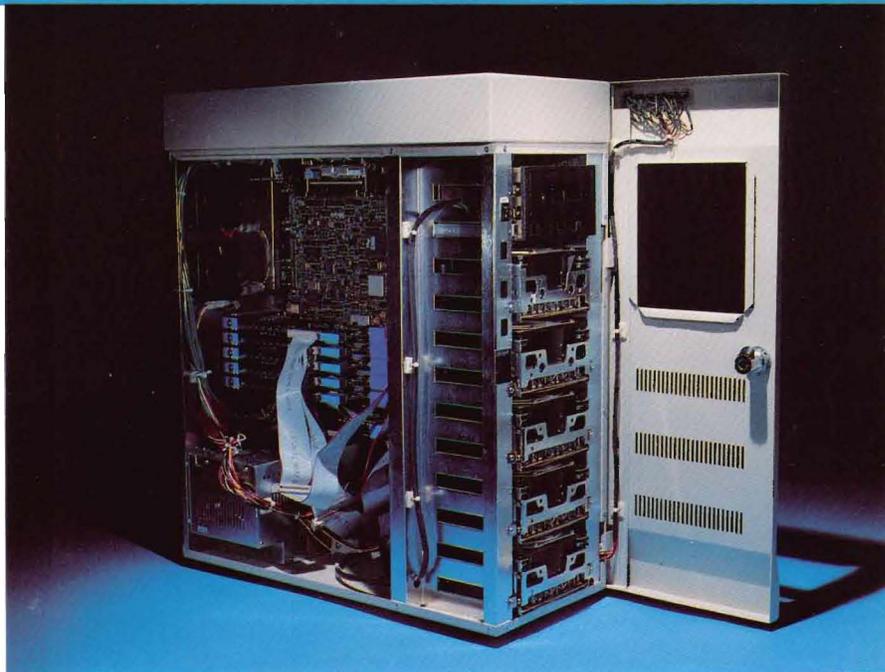
40GB on line now possible.

That's because an SCSI host adapter can support up to seven (7) SCSI devices.

Moreover, a single 4+1 drive CPR Series Array appears to the SCSI adapter as only ONE drive.

So, with multiple SCSI Host adapters total capacity could be as much as 40GB of ultra high-speed on-line storage.

The CPR Series Array *reliably* delivers the data at 4x the rate of a single drive, with no trade-off in capacity.

Maximum Reliability.

The CPR Series Arrays feature Multiple power supplies and multiple drive controllers — all to elevate fault tolerance via *heavy redundancy*.

This way the *power supply+ drive+controller chain* may suffer a failure of ANY component, yet the CPR Series Array remains on-line, still able to service requests.

In the event of a failed drive, controller or power supply in the CPR Series Array, you can replace the down component WHILE THE ARRAY CONTINUES TO PROCESS DATA REQUESTS FROM THE SERVER.

With a drive failure, the CPR Series Array autmatically rebuilds the data on the new drive, using the 4 remaining operational drives.

The CPR Series Arrays can do this in foreground mode (fastest), or in background mode, working on the rebuild in between I/O activity from the server.

The point is , you'll never have to down the server.

Cost effective.

Instead of getting 50% of the total drive capacity of mirrored or duplexed LAN Subsystems, you get access to 80% of the array's total storage. And none of their down time.

Model designations are: CPR-100, CPR-250 and CPR-400 each providing 1.2, 2.5 or 4 Gigabyte capacities, respectively.

So, Capacity is virtually unlimited, Performance is unrivaled and Reliability is optimized and automated to heal itself. For more specifics on how the CPR Series Arrays from CORE can protect your investment, call today!

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