

Torridon Array Controller



Control Multiple Torridon Modules Simultaneously



Reduce Time to Market

Cut time to market by 20% for new products by automating your manual test procedures

Reduce Capital Costs

Faster and more detailed testing with Torridon means fewer test systems are required in the lab

Reduce Human Error

Removing human intervention during tests increases consistency and results in far fewer mistakes. Test scripting provides logging and 100% repeatability

Increase Product Reliability

Advanced techniques, such as bounds testing and fault injection provide a higher level of confidence and reduced field returns

The Torridon Enclosure system:

The industry's first automated solution for hot-swap testing. Drive and Cannister Modules vastly increase the speed of testing and introduce a level of repeatability and precision that is impossible during manual tests.

Complete Automation:

Any test that requires manual intervention to pull or plug a system component can now be fully automated. Drive, SBB canister, PSU and custom modules are available

Simple Integration:

The Torridon System works with your existing automated test setup and integrate with minimal effort. A simple command set allows for easy scripting. Quarch provides full support as standard while you get started

Who Can Benefit?

Enclosure Manufacturers
RAID Developers
Storage System Integrators
Drive Qualification Labs
Silicon Manufacturers
Software/Driver Designers

Torridon Array Controllers

Interface Specification

Power

- ▶ 12V DC (PSU Supplied)

Comms

- ▶ USART Serial - DB9
- ▶ USART Serial - RJ45(RS232D)
- ▶ USB*
- ▶ ETHERNET*

Module Compatibility

- ▶ 3.5" SAS/SATA Drive Module
- ▶ 2.5" SAS/SATA Drive Module
- ▶ SBB 2.0 Canister Module
- ▶ SBB 2.0 LD Canister Module*
- ▶ 2.5" SAS HS Drive Module
- ▶ 2.5" SAS Lite Control Module

Expandability

- ▶ SD Card Slot
- ▶ Ethernet Port
- ▶ Link port allows chaining of multiple array controllers for larger systems
- ▶ Future Torridon modules will be compatible with the controller
- ▶ Firmware is user upgradable. Updates are free from our website

Physical Dimensions

- ▶ 1U 19" Rack Mounted Unit
- ▶ No additional airflow requirements (< 10 watts heat dissipation)

Array Overview

- ▶ Provides a single point of control and power for all modules in a test system
- ▶ 24 Ports on the front (Normally for Drive Control Modules)
4 Ports on the rear (Normally for SBB or Power modules)

Port Control

- ▶ Commands can be sent to any combination of ports for rapid setup
- ▶ Soft addressing allows renumbering of ports to match your system layout
- ▶ LEDs give a visual indicator of the state of each port

Support and Utilities

Phone and email support direct to the engineers as standard

Ordering Information

QTL1079 - 28 Port Controller

Sales

Serial Cables, LLC

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* Planned but not yet released