

# How good is your MPI?

*The answer may surprise you.*

The performance of an MPI application is often limited by the speed of its slowest node! Microway has developed MPI diagnostic tools to help you find the weak link in your cluster.

## MPI Link-Checker™

measures the bandwidth and latency between all nodes in a cluster then summarizes the data graphically so you can easily spot problem nodes. The MPI Link-Checker™ tool detects issues with processor caching, motherboards, PCI busses, BIOS's, riser cards and PCI interconnects. It can even detect intermittent cables and cross bar switches!

MPI Link-Checker™ for up to 64 nodes can be downloaded gratis from [www.microway.com](http://www.microway.com). When you are there, be sure to look at the latest benchmarks we have compiled for different interconnect technologies, including Myrinet, InfiniBand and Gigabit Ethernet and StarGen.

## High Density Computing

Microway's XBlade™ powered QuadPuter® offers many unique features for building very dense clusters that will take a full load of DIMM modules, while interfacing to other nodes at speeds approaching a Gigabyte per second. XBlade employs a Microway-ported LinuxBIOS. It is a great building block for creating appliances and Microway has a long history of customizing hardware for COTS and OEM applications.

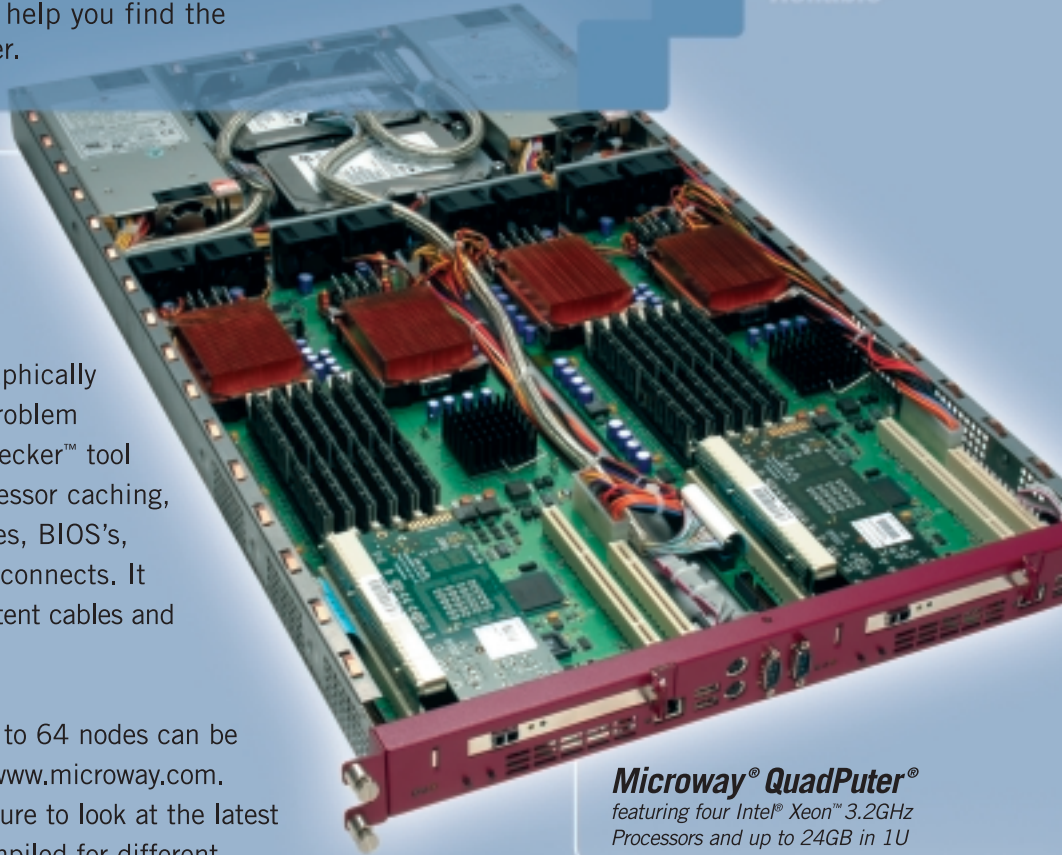


Please visit [Microway.com](http://Microway.com) and discover the very latest in parallel processing, blades and connectivity.



Call us first at 508-746-7341 for quotations and benchmarking services. Find technical information, testimonials, and online newsletter at [www.microway.com](http://www.microway.com)

Cool  
High Density  
Fast  
Reliable



## Microway® QuadPuter®

featuring four Intel® Xeon™ 3.2GHz Processors and up to 24GB in 1U

### Microway Cluster features:

#### Nodewatch™

Remote monitoring and control of temperatures, fans and power, including the ability to remotely cycle and reset power via Microway's web-based GUI.

#### MCMS™

Microway Cluster Management Software provides OS performance data and performs common tasks like adding users, executing cluster-wide commands, and replicating hard disks.

#### Advanced CoolRack™ Chassis and Cabinets

Robust designs include Processor Targeted Cooling to enable 64 and 32 bit processor based clusters with power densities up to 25 KW per 44U cabinet!

#### Excellent Technical Support

Since 1982 Microway's Tech Team has been praised by clients for providing accurate and timely pre- and post-sale support.

