

AMB2008-02

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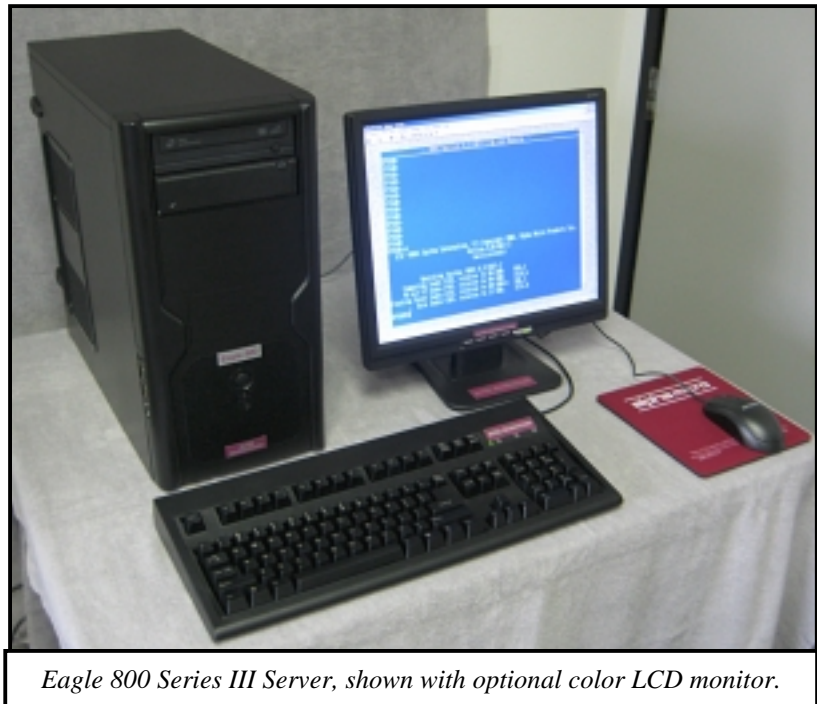
## **Introducing the Eagle 800™ Series III** *Improved Technology For Midrange AMOS™ Servers*

Dear Alpha Micro Dealer:

In conjunction with the introduction of the new AM-8000™ Series III, Alpha Micro is pleased to announce new Series III versions of the Eagle 800 and Eagle 800LC™ systems. These new models bring current technology to our most popular family of AMOS servers.

### **Up to 87% Faster Than the Eagle 800 Series I**

The best part about a new Alpha Micro server is always improved performance over its predecessors. Refer to the benchmarks on the next page to see how these new systems compare against the Series I and II Eagle 800 and 800LC.



*Eagle 800 Series III Server, shown with optional color LCD monitor.*

### **64-Bit CPU and Motherboard**

Both new models are based on the AMD Athlon 64® processor, AMD's current midrange AMD, on an integrated Socket AM2 motherboard. The 800 uses a 4000+ CPU, while the 800LC uses a 3500+ processor. You now have the marketing value of a 64-bit CPU to sell to mid-size clients.

### **DVD-RAM Drive and MAKBD Software Now Standard**

With the advent of Blu-ray as the high-end optical disc format, DVD-RAM drives have dropped in price to where they rival CD-RW drives in cost. Therefore, Alpha Micro is including an internal DVD-RAM drive standard in Eagle 800 and 800LC systems.

A PIC for Alpha Micro's new, more efficient MAKBD backup software is also included, along with a PIC for the previous MAKDVD software for backwards compatibility and data restoral.

### **SATA 3.0 Gbit/sec. Disk Drive – Quadruple the Capacity**

The Series III transitions Alpha Micro's midrange disk technology to SATA. This easier-to-install cabling and interface standard offers room for future disk drive performance improvements without incurring the cost of high-end technologies like SAS or SCSI.

A traditional IDE interface offers up to 133 megabytes per second throughput. The SATA 1.5 Gbit/sec. interface, informally known as "SATA-1", offers throughput up to 150 MB/sec. The newer SATA 3.0 Gbit/sec. interface, or "SATA-2", offered on the Series III Eagle 800 is capable of up to 300 MB/sec.

The standard disk drive supplied with the Eagle 800 also has a leading-edge SATA 3.0 Gbit/sec. interface. It is one of the fastest SATA-2 models available, and best of all, it has 160 GB capacity – four times the size of the drive supplied with the Eagle 800 Series II.

### **Faster RAM – Double The Amount**

The Eagle 800 Series III employs PC2-6400/DDR2-800 RAM, which offers faster transfer rates than the PC3200/DDR-400 memory used on the Series II. The Eagle 800 now includes 1 GB of RAM, while the 800LC includes 512MB, double the amount provided on Series II systems. On the Eagle 800, the RAM is provided in the form of two 512MB DIMMs, as the motherboard provides higher performance when two DIMMs are used.

Users will notice these benefits most in the form of faster disk throughput for those disk blocks held in cache.

### **New Chassis**

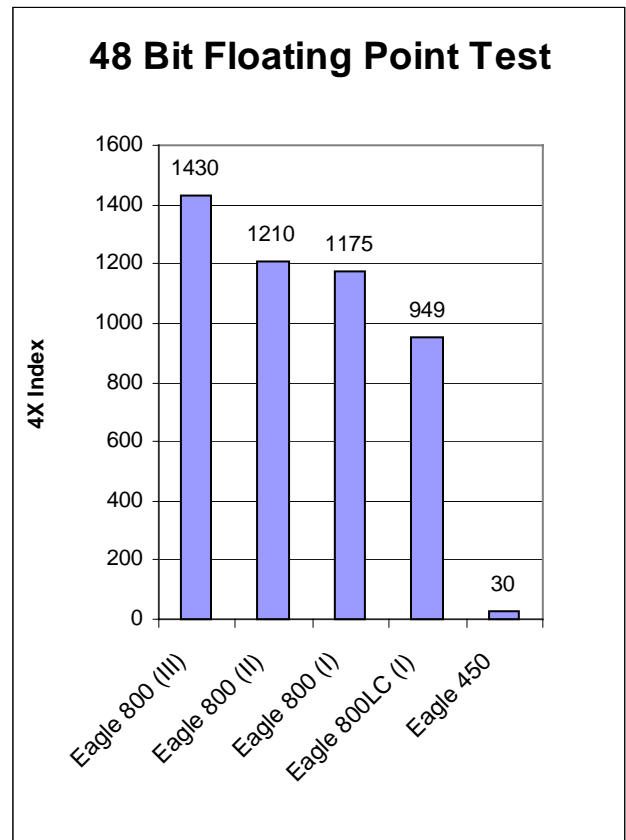
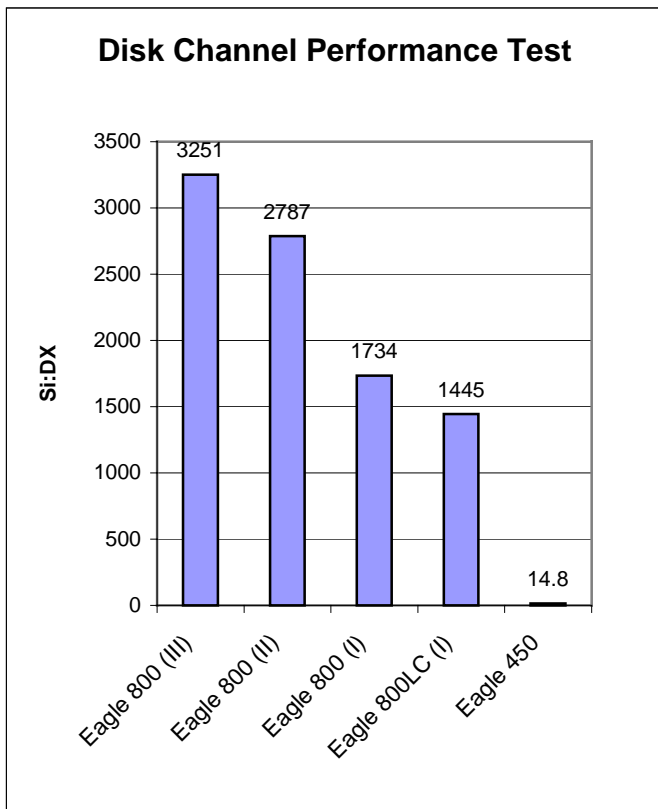
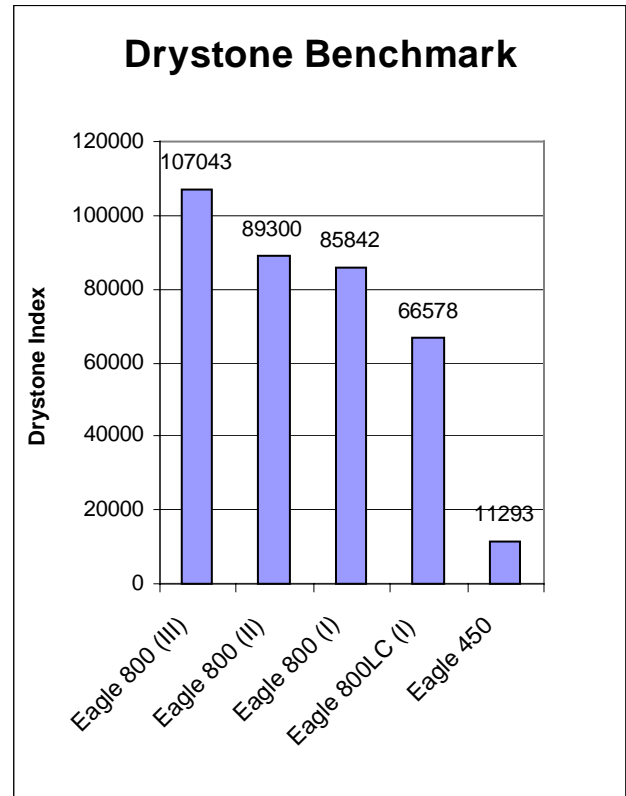
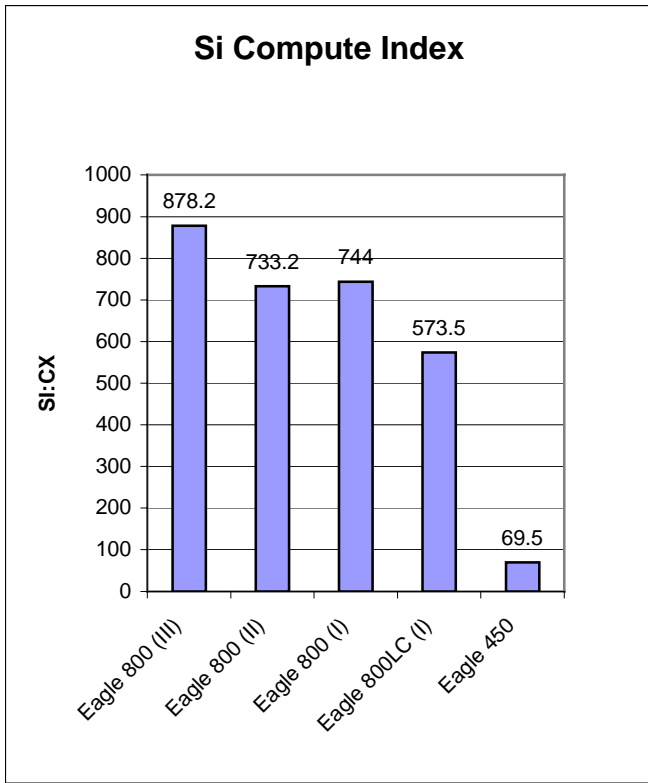
Following industry trends, the Series III is built in a modern, black chassis, similar in characteristics to the previous Eagle 800 chassis. This chassis includes housing for up to nine peripherals, including four 5.25" and two 3.5" externally accessible peripherals, and three 3.5" internal peripherals.

Unlike previous Eagle 800 chassis, this new mid-size tower can accommodate the AM-452 Internal IDE RAID Subsystem. You no longer need to upgrade to the full-tower chassis to hold this RAID unit.

### **Six Serial Ports Standard**

There are two COM ports on the Eagle 800 Series III motherboard, plus 4 "Alpha Micro style" serial ports on the AM-113-45 card, for a total of six ports. Up to 16 additional COM ports may be added via PCI and USB COM port adapters, allowing for a maximum of 22 serial ports on this model of server.

## Eagle 800 Series III Benchmarks



## **Gigabit Ethernet**

The Eagle 800 Series III is the first midrange Alpha Micro server to sport Gigabit Ethernet. This specification sets us apart from many comparable midrange systems and provides horsepower for Web server, E-mail server, and FTP applications.

## **Three Extra PCI Slots**

The motherboard used in the initial version of the Eagle 800 Series III has four standard PCI slots, one of which is occupied by the AM-113-45 card. That leaves three additional slots available for a SCSI controller, PCI serial card(s), or other special purpose expansion products.

In the fast-changing motherboard marketplace, we cannot guarantee that this many PCI slots will be present in future iterations of the Series III, however it is a nice bonus while it lasts.

## **TrueGUI™ Standard with New Systems**

New Eagle 800 Series III system orders, that is, those that are not upgrades from older Alpha Micro systems, include *TrueGUI* licenses equal in number to the number of AMOS ports being purchased. This offer is only valid at initial system order time; subsequent port increments to AMOS do not qualify for additional free *TrueGUI* licenses.

## **FCC and RoHS Certified**

Alpha Micro takes its certification responsibilities seriously. Our new systems meet FCC standards for radio frequency emissions. They also meet the new European RoHS and similar California regulations for hazardous material content.

## **Upgrades**

Upgrades from earlier Eagle 800 models and other Alpha Micro systems are delineated in the attached Reseller Supplement. As always, Alpha Micro wants to make it easy for our existing users to transfer their existing application to current generation hardware.

## **Two Week “Test Drive” Program Expanded to Four Weeks**

By popular demand, Alpha Micro has doubled the length of our free loaner program to a full month. Now you can show your customers how an entire month’s business cycle will perform with one of our new servers. Payment in full is required at the end of the four week period if your client elects to keep the system.

## **Eagle 800 Series II Discontinued**

Eagle 800 and 800LC Series II systems are being phased out. If your requirements dictate the use of a Series II, please call Alpha Micro Order Administration at (800) 289-2574 so that we can try to accommodate your needs while components are still being manufactured. Spare parts will remain available for the foreseeable future.

## **Prices Remain The Same**

The base prices of the Eagle 800 and 800LC Series III systems are the same as they were for the Series II.

A specially discounted In-House Demo System configuration of the Eagle 800LC is available to VARs who have not yet already purchased a Series I or Series II Demo System. If you haven't purchased one of our new generation systems yet for your own use, now is the time!

## **Superior Technology Available Now**

The Eagle 800 Series III is available for immediate shipment.

The upgraded Eagle 800 Series III continues Alpha Micro's philosophy of providing a state-of-the-art midrange server suitable for our dealers' typical end user. Anyone running a 68000-era AMOS server will surely be thrilled by the performance offered by the new Eagle 800 Series III. With a more aggressive Test Drive program, you can place these exciting new servers in front of your customers and prospects at essentially no risk. Show people just how fast your AMOS application can run!