

## **Introducing the Eagle 750<sup>TM</sup> Series III** *Alpha Micro's Entry Level Server Gets a Makeover*

Dear Alpha Micro Dealer:

Along with the higher-end AM-8000 and Eagle 800 and 800LC systems, the Eagle 750 Entry Level AMOS<sup>TM</sup> Server is now available in a new Series III version sporting a number of advances over the previous incarnation. Incorporating a Cardinal<sup>TM</sup> Applications Processor, the new Eagle 750 provides the lowest cost way to deliver a complete AMOS server to a customer. And, the Eagle 750 remains fully usable as a Windows XP<sup>®</sup> or Vista<sup>®</sup> PC workstation as well.

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

Based on the AMD Sempron 64<sup>®</sup> processor, the Eagle 750 brings 64-bit capability despite its low cost. The faster clock rate of this new CPU promises increased Windows processing performance over the Series II Eagle 750. AMOS processing performance remains at approximately that of an AM-6000<sup>TM</sup>, with disk performance significantly faster due to Windows' read and write disk caching.

### **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 Series III Eagle 750 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 – Double 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 750 is capable of up to 300 MB/sec.

The standard disk drive supplied with the Eagle 750 also has a leading-edge SATA 3.0 Gbit/sec. interface. It sports 80 GB capacity – twice the size of the drive supplied with the Eagle 750 Series II.

### **New, Slimline Chassis**

To meet the needs of dealers who use Eagle 750s in cramped office conditions, the Series III is built into a new, slim, black chassis designed to fit into tight spaces. This chassis provides housing for up to five peripherals, including two 5.25” and two 3.5” externally accessible peripherals and one 3.5” internal peripheral.

### **Faster RAM**

The Eagle 750 Series III employs DDR2-800/PC2-6400 RAM, which offers faster transfer rates than the DDR memory used on the Series II. This will typically be perceived as faster disk throughput under AMOS.

You must specify the amount of memory desired when you order your Eagle 750 system. See the attached Reseller Supplement for details.

### **Two Serial Ports Standard**

There are two COM ports on the Eagle 750 Series III motherboard. Up to 16 additional COM ports may be added via PCI and USB COM port adapters, allowing for a maximum of 18 serial ports.

### **Two PCI Slots**

The Series III motherboard has two PCI slots, ideal for use with a SCSI controller, PCI serial card(s), or other special purpose board. Because the Eagle 750 is built around a Cardinal instead of a SuperFalcon™ card, both PCI slots are available for your use.

### **Windows XP or Vista Available – Your Choice**

You have a choice of ordering your Eagle 750 Series III server with one of the following Windows operating systems:

- Microsoft Windows Vista Home Basic® Edition
- Microsoft Windows Vista Business® Edition
- Microsoft Windows XP Home® Edition
- Microsoft Windows XP Pro® Edition

If you elect to use Vista, we recommend that you order a minimum of 1 GB RAM to attain reasonable system performance.

## **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**

Alpha Micro will accept orders for upgrades to the Eagle 750 from older systems, however there will be no trade-in credit for the old CPU, except for SuperFalcon boards (see details below). AMOS will have to be re-licensed; there is no credit for the previous AMOS license. In this case, an “upgrade” signifies use of an existing SSD chip number in the Eagle 750, so that you can preserve software licenses. You will need to return the SSD from the old system within three weeks after you receive the Eagle 750. An Upgrade Registration Form, included in the VAR section of this announcement, must be faxed to Order Administration.

A trade-in credit will be granted for the return of SuperFalcon boards. Also, the full AMOS license for these boards will be transferred at no additional charge. See the *Reseller Supplement* attached to this Marketing bulletin for further details.

Because we realize that small systems often evolve into large systems, the Eagle 750's AMOS license will transfer at no charge to a larger Alpha Micro system down the road. For example, if you purchase an 8 user AMOS license for an Eagle 750 today, and upgrade to an Eagle 800 two years later, there will be no charge for the equivalent 8 user AMOS/32 license. Alpha Micro reserves the right to amend this license transfer policy upon 90 days advance notice to our Full VARs.

## **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 750 Series II Discontinued**

Eagle 750 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 price of the Eagle 750 Series III systems are the same as they were for the Series II.

## **New Technology Available Now**

The Eagle 750 Series III is available for immediate shipment.