



Marketing Bulletin

AMB2005-08

May 9, 2005

Introducing the Eagle 800 Series II™ *Upgraded Technology For Midrange AMOS® Servers*

Dear Alpha Micro Dealer:

In conjunction with the introduction of the new AM-8000 Series II™, Alpha Micro is pleased to announce new “Series II” versions of the Eagle 800 and 800LC systems. These new models bring current technology and improved expansion capabilities to the Eagle family of AMOS® servers.

Speed Considerations

Series II performance is basically the same for both Eagle 800 and Eagle 800LC configurations. Disk channel performance is actually about 30% faster due to a more efficient memory interface design on the Series II motherboard. Refer to the benchmarks on the next page to see how these new systems compare against the original Eagle 800 and 800LC.

New CPU and Motherboard

Both new models are based on the AMD Sempron® processor, the successor to the Athlon XP® CPU used in the original Eagle 800, on an integrated Socket 754 motherboard.

Improved DVD Technology

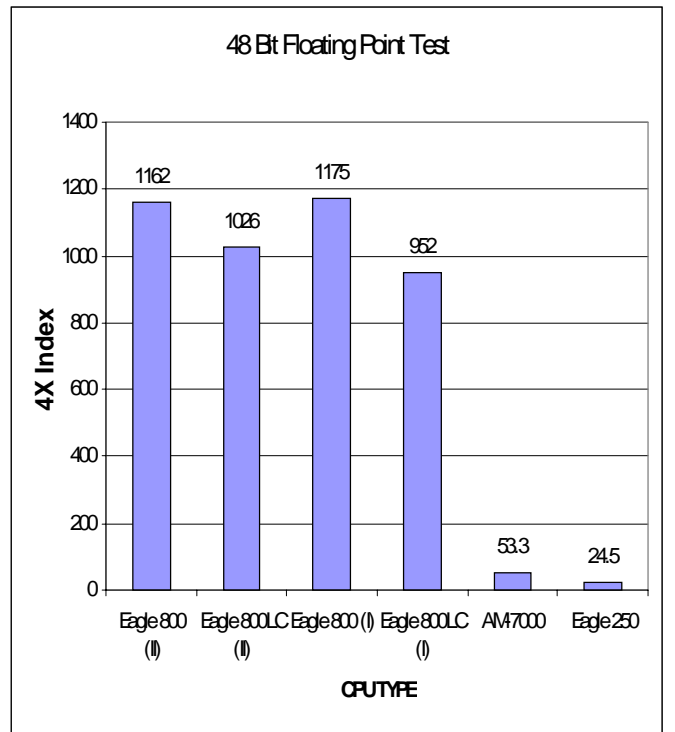
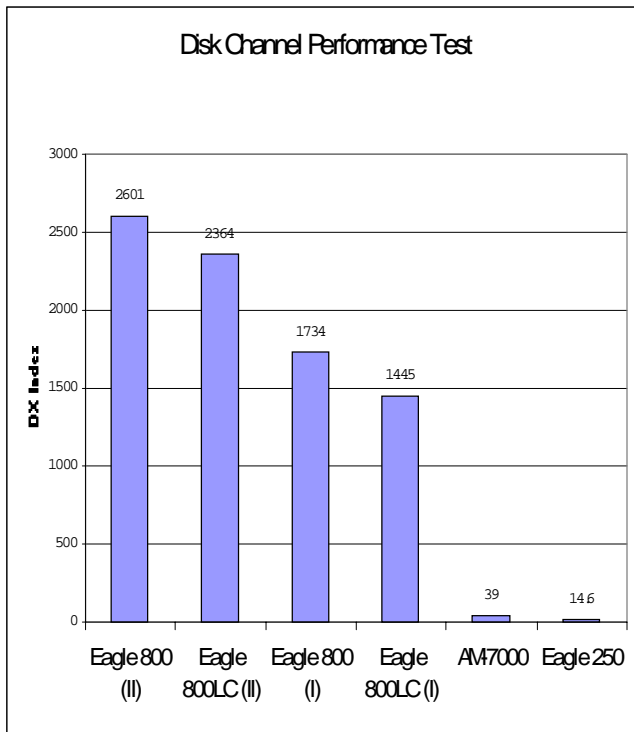
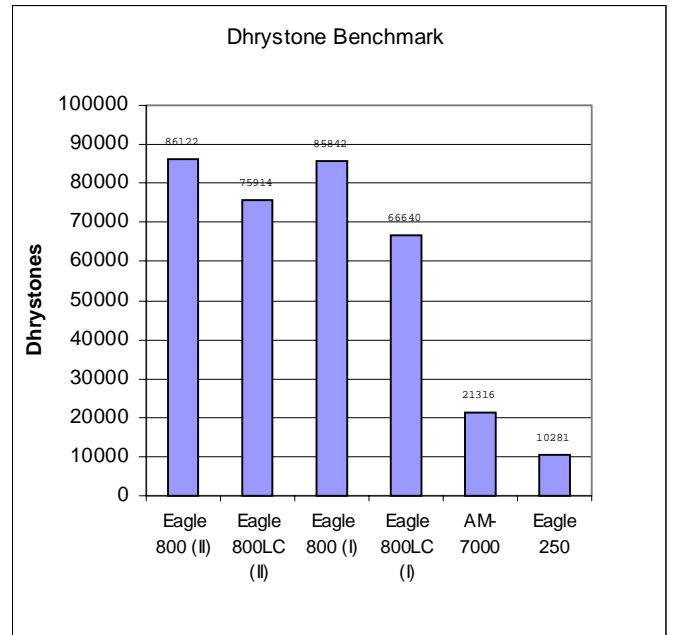
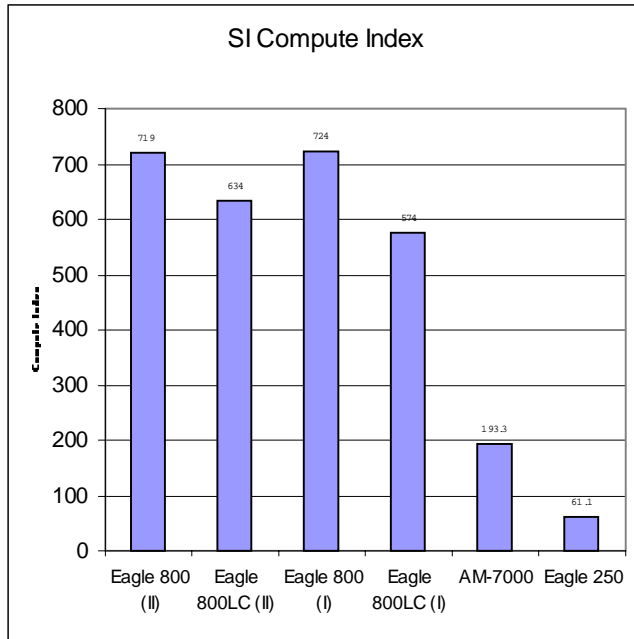
The optional DVD-RAM drive has been upgraded to a new model boasting a faster 5x DVD-RAM recording speed, and capable of reading and writing to all popular formats: DVD-RAM, DVD+R, DVD-R, DVD+RW, DVD-RW, CD-R, and CD-RW.

New Serial Port Expansion Options

There is 1 COM port on the “800S2” motherboard, and 4 “Alpha Micro style” serial ports on the AM-113-45 card. Please note that this is one less port than on the original Eagle 800.

A new family of 4 and 8 port COM port expansion cards is being introduced for the 800S2 and our entire AMOS 8.x server product line. The principal benefit of these new cards is the ability to plug into any kind of PCI slot: traditional 32-bit PCI slots contained on the Eagle 800 Series I and II, the original AM-8000’s 64-bit PCI slots, and the AM-8000 Series II’s PCI-X slots. AMOS 8.x supports a maximum of 18 COM ports. The former expansion boards remain available as well.

Eagle 800 and 800LC Series II Benchmarks



AMOS 8.1 Standard

The Eagle 800 Series II ships with AMOS 8.1 and the latest update of Windows XP Embedded®.

64-Bit Ready

The 800S2 motherboard is capable of supporting the Athlon 64® processor, AMD's entry level 64-bit CPU. We may make it available as an option down the road. Future versions of Windows XPE and AMOS 8.x will be able to take advantage of the Athlon 64's 64-bit architecture. The extent of the benefit of that enhancement has yet to be determined, however it promises to make memory transfers noticeably quicker.

Upgrades

Upgrades from 68000 family Alpha Micro models continue as before, as defined in the original Eagle 800 announcement (AMB2003-06).

Two Week “Test Drive” Program Continues

Prove to your customers just how much faster their applications will run on an Eagle 800 Series II system with a free two week evaluation – Seeing is believing!

Eagle 800 Series I Discontinued

Eagle 800 and 800 LC Series II systems are available for immediate shipment. Series I hardware is in short supply. Please notify Order Administration if you have a particular requirement for a Series I system.

Prices Remain The Same

The base price of the Eagle 800 and 800LC Series II systems is the same as before.

An in-house Demo system configuration is available to VARs who have not yet already purchased a Series I Demo.

The Eagle 800 Series II Takes Wing

Fulfilling the promise made when the Eagle 800 was first introduced, Alpha Micro is upgrading the hardware to keep up with the best of current midrange technologies. The impressive performance offered by these new systems makes them compelling both to new clients and to existing AMOS sites.