

DATARAM

Product Announcement



First-to-Market 16GB Memory Upgrade for IBM BladeCenter LS21, LS22, LS41 and LS42 Servers **Dataram's DRILS42/16GB Doubles IBM Servers Memory Capacity to 128GB**

February 10, 2009—Dataram today announced the immediate availability of a first-to-market 16GB memory upgrade for IBM's BladeCenter LS21 (7971), LS22 (7901), LS41 (7972) and LS42 (7902) blade servers. These systems feature AMD Dual- and Quad-Core Opteron processors and up to 128GB of Dataram memory—twice the memory capacity available from IBM.

Dataram's DRILS42/16GB upgrade consists of a matched pair of 8GB DDR2-533 ECC/Chipkill Registered Very Low Profile (VLP) DIMMs.

In addition to the new 16GB upgrade, Dataram offers compatible 4GB and 8GB upgrades consisting of a matched pair of 2GB and 4GB DDR2-667 or DDR2-800 ECC/Chipkill Registered VLP DIMMs.

IBM BladeCenter LS21 (7971)

The IBM LS21 Blade Server is powered by up to two AMD Dual-Core Opteron processors. The LS21 system board has 8 DIMMs slots (4 per processor socket) and supports up to 64GB of Dataram memory (32GB with IBM memory options).

IBM BladeCenter LS22 (7901)

The IBM LS22 Blade Server is powered by up to two AMD Quad-Core Opteron processors. The LS22 system board has 8 DIMMs slots (4 per processor socket) and supports up to 64GB of Dataram memory (32GB with IBM memory options).

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First-to-Market 16GB Memory Upgrade for IBM BladeCenter LS21, LS22, LS41 and LS42 Servers

Dataram's DRILS42/16GB Doubles IBM Servers Memory Capacity to 128GB

IBM BladeCenter LS41 (7972)

The IBM LS41 Blade Server is powered by up to two AMD Dual-Core Opteron processors. The LS42 system board has 8 DIMMs slots (4 per processor socket) and supports up to 64GB of Dataram memory (32GB with IBM memory options). The LS41 supports an optional multi-processor expansion (MPE) unit, making the LS41 a "double-width" type blade server. The MPE supports two Opteron processors and 8 DIMM slots (4 per processor socket), making the maximum memory capacity 128GB for an LS41 with an MPE unit and Dataram memory.

IBM BladeCenter LS42 (7902)

The IBM LS42 Blade Server is powered by up to two AMD Quad-Core Opteron processors. The LS42 system board has 8 DIMMs slots (4 per processor socket) and supports up to 64GB of Dataram memory (32GB with IBM memory options). The LS42 supports an optional multi-processor expansion (MPE) unit, making the LS42 a "double-width" type blade server. The MPE supports two Opteron processors and 8 DIMM slots (4 per processor socket), making the maximum memory capacity 128GB for an LS42 with an MPE unit and Dataram memory.

Dataram Product Offerings

Dataram Product	IBM Product	Description
DRILS41S/4GB	46C0512	4GB (2 x 2GB DDR2-667 1R VLP DIMMs)
DRILS42-6/8GB	46C7524	8GB (2 x 4GB DDR2-667 2R VLP DIMMs)
DRILS42-8/8GB	46C7525	8GB (2 x 4GB DDR2-800 2R VLP DIMMs)
NEW! DRILS42/16GB	Not Offered	16GB (2 x 8GB DDR2-533 4R VLP DIMMs)

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