



Product Brief

Intel® Server System
SC5400RA

Intel® Server System SC5400RA

Integrated Server Solution for Memory-Intensive Applications



Product Overview

For growing businesses, the ability to deliver outstanding performance while providing flexibility and scalability that meets evolving business needs is critical. In support of the demand for more memory intensive applications, Intel is now providing an economical, high performance solution for pedestal server systems.

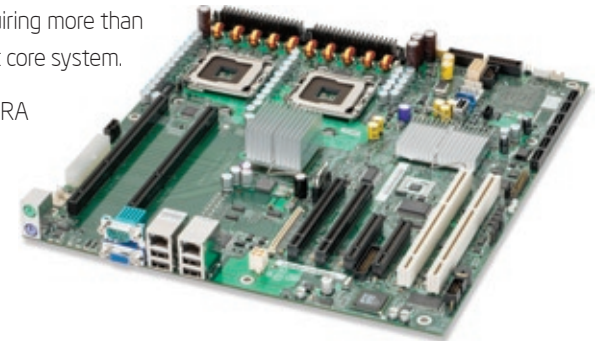
The Intel® Server System SC5400RA features 16 DIMM capacity by integrating two 8-DIMM memory boards on risers, which delivers up to 64GB of total system memory. In addition, the SC5400RA supports the Dual-Core Intel® Xeon® processor 5000 and 5100 series.

Higher Performance, Lower Cost

By offering up to 16 DIMMs in a single integrated solution, Intel has made it possible to take advantage of bigger savings on large memory capacity installations. Not ready for 16 DIMMs today? You have the option of buying four or eight DIMMs now and adding more as your need to increase server capacity grows.

Because the SC5400RA supports the latest Dual-Core Intel® Xeon® 5000 and 5100 sequence processors, you can increase system capabilities and count on high-end performance from your system now and in the future. The SC5400RA is the most cost effective solution for any application requiring more than 16GB of RAM, as well as applications requiring more than 2GB of RAM per core on an eight core system.

The Intel Server System SC5400RA provides three PCI Express* x8, one PCI Express x4, and two PCI-X 133/100 MHz slots, offering the expansion headroom businesses need.



The SC5400RA also includes the following important features developed by Intel to enhance performance and usability. Intel® I/O Acceleration Technology moves network data to and from server applications faster and with greater efficiency in fewer CPU cycles.

The SC5400RA features Intel® Embedded Server RAID Technology II, which provides RAID 0, 1, and 10 support. An optional upgrade for RAID 5 is also available for systems with Intel® RAID Activation key AXXRAKSw5 installed.

Built-in flexibility, ease of use, and scalability ensure that your server will keep pace with your growth while delivering maximum efficiency and cost-effectiveness.



System Specifications

System

Order Code¹

Components Included

Number of Processors Supported

Processor Support

System Bus Speed

Chipset

PCI Buses

Total Slots

Slot Types

Memory Capacity

Intel® Server System SC5400RA

Performance and expandability in a pedestal server system with support for 16 DIMMs

SC5400RA SC5400RANA

- Intel server board with two 8-DIMM risers
- Integrated in the Intel® Server Chassis SC5400BRP
- Support for six fixed SATA drives
- 830-watt power supply (redundancy requires optional second power supply)

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Dual-Core Intel® Xeon® 5000 and 5100 sequence

667 MHz, 1066 MHz, and 1333 MHz

Intel® 5000P Chipset

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3 x PCI Express* x8
1 x PCI Express x4 (x8 connector)
2 x PCI-X 64-bit 100 / 133 MHz

64GB FBDIMMs (16 DIMMs)

Help improve a server's reliability, availability, and scalability by adding an Intel® PRO multi-port adapter. For more information, visit the Intel Web site at: www.intel.com/go/serversystems

¹ North American power cord included in order codes ending in NA, power cord not included in all other order codes.

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