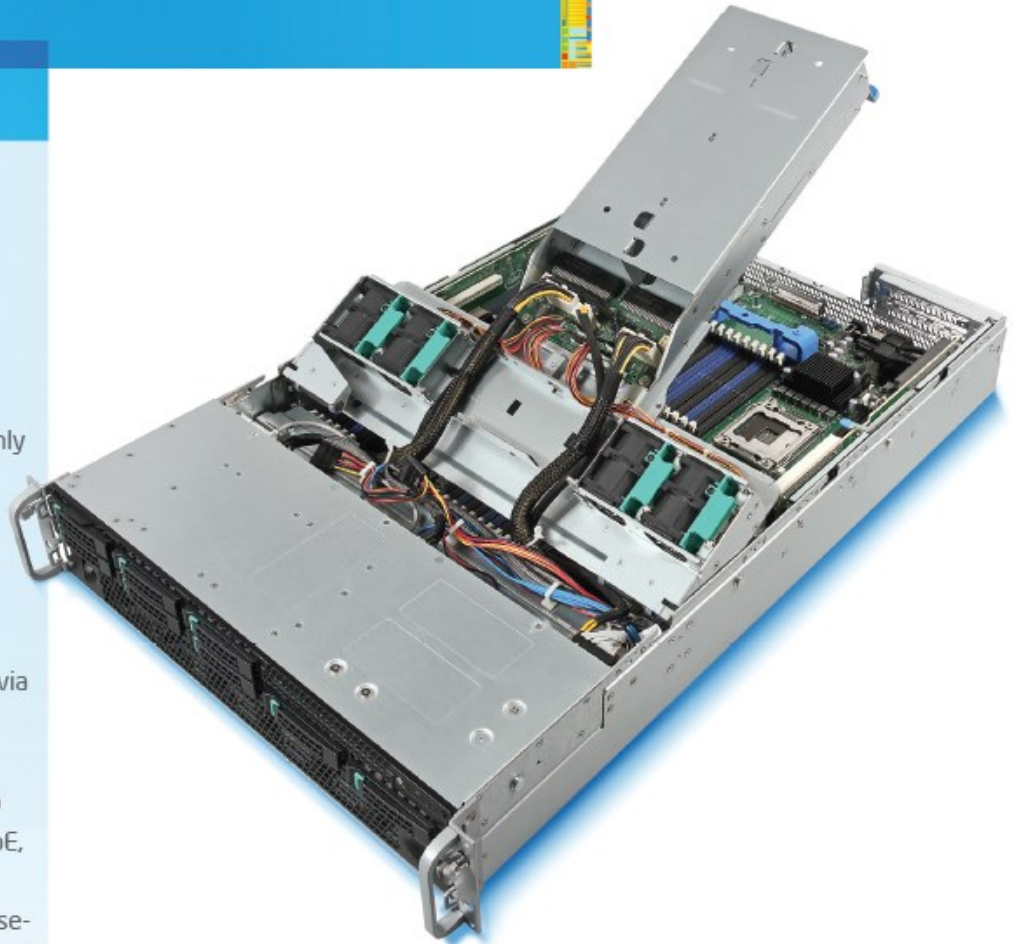


Intel® Server Board S4600LH Product Family

Best in class performance, reliability and serviceability for HPC and Datacenter applications



The innovative Intel® Server System R2000LH2/LT2 family delivers best in class serviceability features with uncompromising performance and high reliability as the server of choice for highly virtualized environments or demanding HPC applications requiring maximum performance density. It features support for four powerful Intel® Xeon® processors E5-4600 and a massive memory capacity of up to 1.5 terabytes via 48 memory sockets in a dense 2U rack system. Integrated dual 1GbE or 10GbE ports, six PCIe* Gen 3 x16 slots, plus two expansion slots for quad 1GbE, dual 10GbE, or Infiniband* modules provide the expandability and flexibility that enterprise-class customers expect. Over 150 onboard sensors feed the intelligent system-level management software with temperature, voltage, and other information to ensure maximum uptime and allow you to monitor overall system health and resources.



Supports

- Quad Intel® Xeon® processors E5-4600
- Up to 2 Intel® Xeon Phi™ coprocessors
- Maximum memory capacity with 48 LR/U-R-DIMMS for up to 1.5 TB of total capacity
- 6 PCIe* Gen3 x16 slots including 2 double-wide PCIe Gen3 cards
- 2 Intel® I/O Expansion Modules
- Integrated dual 1GbE or 10GbE Intel® Ethernet Controllers
- Intel® TXT Technology (TPM header on board)
- Intel® Remote Management Module 4 included with all systems
- Enterprise class cooling with 11 hot-swappable redundant 40mm dual rotor fans
- Efficient hot-pluggable 1600W redundant 80+ Platinum AC power supplies (DC power supply option available)



Maximum Memory and Performance

4 Intel® Xeon® processors E5-4600 with 48 DIMMs support up to 1.5 TB of addressable memory on 16 channels for incredible floating point performance

Enterprise Class Features

Best in class serviceability with custom designed chassis

Platinum efficiency power supplies

High RAS features

10 GbE SKU option



Intel® Server Board S4600LH Product Family Technical Specifications

Form Factor	2U rack: 3.43" x 17.24" x 28"
Server Board Included	S4600LH2: Integrated Dual Port Intel® Ethernet Controller I350 (1 GbE) S4600LT2: Integrated Dual Port Intel® Ethernet Controller X540 (10 GbE)
Processors Supported	4 Intel® Xeon® processor E5 4600 product family, up to 130W Up to 2 Intel® Xeon Phi™ coprocessors ¹
Total Slots	6 + 2
Slot Types	6 PCI Express* 3.0 x16 2 PCI Express 3.0 x8 via I/O expansion module
Memory Capacity	48 LR / U / DIMMs with 1333MT/s, 1600MT/s, ECC 1.5 TB max
Drive Options	8 x 2.5" or 4 x 3.5" hot-swap HDDs
System Cooling	11 high speed hot-swap redundant 40mm dual rotor fans
Power Supply Options	1600W AC Redundant PSU (Platinum Efficiency) or 1600W DC Redundant PSU (Gold Efficiency)
Module Upgrades	Intel® I/O Module Intel® Storage I/O Module in PCIe form factor Intel® Remote Management Module 4 (included on all systems) Intel® Trusted Platform Module

2U 2.5" Drives

R2208LH2HKC2

8 x 2.5" hot-swap HDD
2 x 1600W AC PSU
Software RAID Key RKSAS8R5 to enable 8 SAS/
SATA drives
Integrated Dual Port Intel® Ethernet Controller
I350 (1 GbE)

R2208LT2HKC4

8 x 2.5" hot-swap HDD
2 x 1600W AC PSU
Hardware RAID Controller RMS25PB080 provides
6 Gb/s to enable 8 SAS/SATA drives
Integrated Dual Port Intel® Ethernet Controller
X540 (10 GbE)

2U 3.5" Drives

R2304LH2HKC

4 x 3.5" fixed HDD
2 x 1600W AC PSU
Integrated Dual Port Intel® Ethernet Controller
I350 (1 GbE)

Ace Computers Worldwide Support and Service – US Based

Contact your Ace Account Representative to discuss the best options for warranty coverage, maintenance and post-warranty support. Ace offers custom solutions, including taking advantage of your local IT staff, to reach the lowest total cost of ownership in the industry.

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1425 East Algonquin Road
Arlington Heights, IL 60005

877-ACECOMP
847-952-6900
FAX 847-952-6901

WWW.ACECOMPUTERS.COM