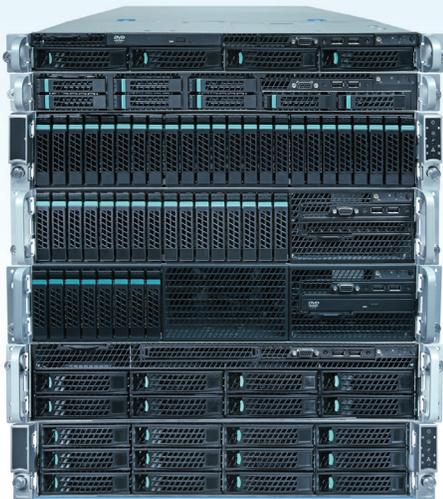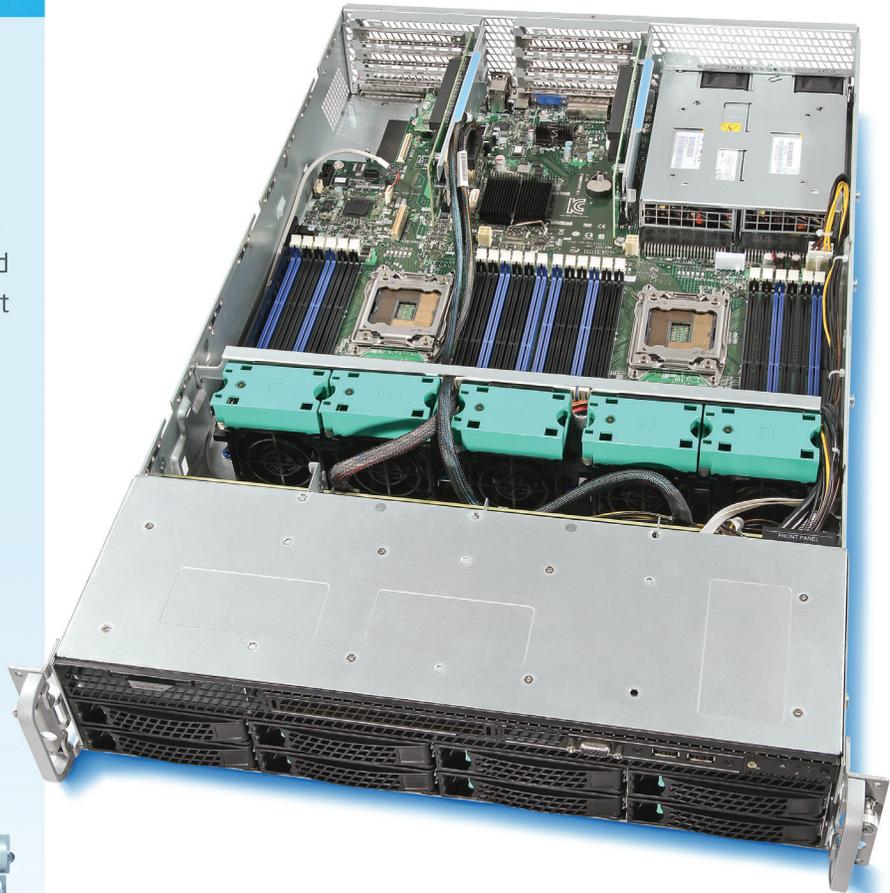# Intel® Server Board S2600GZ Product Family

A no compromise rack-optimized compute platform supporting maximum memory capacity, energy efficiency and extensive I/O flexibility

Supports the Intel® Xeon® processor E5-2600v2 product family

Take full advantage of the Intel® Xeon® processor E5-2600 product family capabilities with the Intel® Server Board S2600GZ. Featuring an energy efficient spread core design and maximum memory capacity with up to 24 DIMMs, S2600GZ and S2600GL based rack-optimized server systems deliver unmatched performance, I/O capacity and flexibility in an expansive family of 1U & 2U systems for the most demanding Enterprise Datacenter, Cloud or HPC environments.

Supports

- Dual Intel® Xeon® Processors E5-2600v2
- Up to two Intel® Xeon Phi™ coprocessors
- Maximum memory capacity with 24 LR/U/R-DIMMs at up to 1866MT/s

  16 DIMM option available as S2600GL
- Intel® I/O Expansion Module
- 2x PCI* Gen3 x24 Super Slots
- TXT Technology (TPM header on board)
- Efficient hot-pluggable redundant power supplies
- Redundant, hot-swappable fans for enterprise level cooling
- Flexible storage with 2 x 2.5" fixed mount SSDs, plus SATA DOM

Maximum Memory Capacity

24 or 16 DIMMs support up to 768GB of addressable memory on 8 channels

Exceptional Energy Efficiency

Innovative Spread Core design for best power efficiency and performance

Extensive I/O Flexibility

Most expansion slots for I/O, RAID ROC, or IOC modules

For more information on Intel server solutions visit: intelserveredge.com

For more information on Intel server products visit: intel.com/go/serverproducts

For product specifications visit: ark.intel.com

For regulatory information visit: intel.com/support/motherboards/server/sb/CS-032524.htm

Intel® Server Board S2600GZ Product Family Technical Specifications

Form Factor	1U rack: 1.75" x 16.93" x 27.95" 2U rack: 3.44" x 16.93" x 27.95"
Server Board Included	S2600GL4: 16 DIMMs S2600GZ4: 24 DIMMs
Processors Supported	2 Intel® Xeon® processor E5 2600 or E5 2600v2 product family, up to 135W Up to 2 Intel® Xeon Phi™ coprocessors[1]
Total Slots	8
Slot Types	2 PCI Express* 3.0 x8 personality modules 2 PCI Express 3.0 x24 superslots (6 PCI Express 3.0 x8 or 2 PCI Express 3.0 x16 + 2 PCI Express 3.0 x8)
Memory Capacity	16 or 24 LR / U / RDIMMs with up to 1866MT/s, ECC 512 or 768 GB max
Drive Options	1U rack: 8 x 2.5" or 4 x 3.5" hot-swap HDDs 2U rack: 8/16/24 x 2.5" or 8/12 x 3.5" hot-swap HDD + 2 fixed SSDs
System Cooling	Redundant cooling fans
Power Supply Options	460W AC Redundant PSU (Gold Efficiency), 750W AC Redundant PSU (Platinum Efficiency)
Module Upgrades	Intel® I/O Module / Intel® Storage I/O Module / Intel® Remote Management Module 4 / eUSB SSD / Internal type A USB / TPM Module

Product does not include memory, processors, or hard drives. For compatibility information please refer to the configuration guide at www.intel.com/support

1U 2.5" or 3.5" Drives	2U 2.5" Drives	2U 3.5" Drives
R1208GL4DS 8 x 2.5" hotswap HDD 1 x 460W AC PSU Software RAID Key RKSATA8 Intel® RMM4 included	**R2208GL4GS** 8 x 2.5" hot-swap HDD 1 x 750W AC PSU Software RAID Key RKSATA8 Intel® RMM4 included	**R2308GL4GS** 8 x 3.5" hot-swap HDD 1 x 750W AC PSU Software RAID Key RKSATA8 Intel® RMM4 included
R1208GZ4GC 8 x 2.5" hot-swap HDD 2 x 750W AC PSU Software RAID Key RKSATA8 Intel® RMM4 included	**R2208GZ4GC** 8 x 2.5" hot-swap HDD 2 x 750W AC PSU Software RAID Key RKSATA8 Intel® RMM4 included	**R2308GZ4GC** 8 x 3.5" hot-swap HDD 2 x 750W AC PSU Software RAID Key RKSATA8 Intel® RMM4 included
R1208GZ4GS9 4 x 3.5" hot-swap HDD 1 x 750W AC PSU	**R2208GZ4GS9** 8 x 2.5" hot-swap HDD 1 x 750W AC PSU	**R2308GZ4GS9** 8 x 3.5" hot-swap HDD 1 x 750W AC PSU
R1304GL4DS9 4 x 3.5" hot-swap HDD 1 x 460W AC PSU	**R2216GZ4GC** 16 x 2.5" hot-swap HDD 2 x 750W AC PSU Software RAID Key RKSAS8 Intel® RAID Expander RES2CV240 24-port Intel® RMM4 included	**R2312GL4GS** 12 x 3.5" hot-swap HDD 2 x 750W AC PSU Intel® RMM4 included
R1304GZ4GC 4 x 3.5" hot-swap HDD 2 x 750W AC PSU Intel® RMM4 included	**R2224GZ4GC4** 24 x 2.5" hot-swap HDD 2 x 750W AC PSU Intel® RMM4 included	**R2312GZ4GC4** 12 x 3.5" hot-swap HDD 2 x 750W AC PSU Intel® RMM4 included
R1304GZ4GS9 4 x 3.5" hot-swap HDD 1 x 750W AC PSU		**R2312GZ4GS9** 12 x 3.5" hotswap HDD 1 x 750W AC PSU

[1] Intel® Xeon Phi™ coprocessor support depends on the board and chassis configuration. Passive cooled Intel Xeon Phi coprocessors for S2600GZ based systems require a custom air duct sold as an accessory. See your sales representative for more details.

(intel)

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