



Intel® Server Board S1200RP Product Family

Reliable, secure server performance for small business applications

Take your small business to the next level with a rack or pedestal server based on the Intel® Server Board S1200RP. Featuring support for the Intel® Xeon® processor E3-1200v3 product family, this suite of powerful, entry-level products expands deployment opportunities with select server features including management, storage, and enhanced processor graphics.

Select from four server boards:

S1200v3RPS: lowest cost solution with basic server features

S1200v3RPL: pedestal solution with optional management

S1200v3RPO: rack optimized with I/O expansion

S1200v3RPM: rack optimized with I/O expansion and enhanced processor graphics support



Supports

- Intel® Xeon® processor E3-1200 v3
- 4 UDIMMs at up to 1600MT/s
- Dual integrated Intel® Ethernet Controller
- Optional TPM Module
- For L, O and M boards only
 - Optional mezzanine connector
 - Optional Intel® Remote Management Module 4

I/O Expansion Flexibility

Rack or Pedestal Systems with Various Upgrade Features

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® S1200RP Server Board Product Family Technical Specifications

| | | |
|------------------------------|--|---|
| Form Factor | 1U rack: 1.75" x 17.24" x 21.8" 4U pedestal: 17.24" x 6.9" x 21.5" | |
| Server Board Included | S1200v3RPS S1200v3RPL S1200v3RPO S1200v3RPM | |
| Processors Supported | One Intel® Xeon® processor E3 1200 v3 product family, up to 95W | |
| Slot Types | S1200v3RPS/L 2 PCI Express* 3.0 x8 1 PCI Express 2.0 x4 1 internal mezzanine connector x8 (L model only) | S1200v3RPO/M 1 PCI Express* 3.0 x8 1 internal or external mezzanine connector x8 OR 2 mezzanine connectors x4 |
| Memory Capacity | 4 UDIMMs 1333 / 1600 ECC 32 GB max | |
| Drive Options | 1U rack: 8 x 2.5" or 4 x 3.5" hot-swap HDDs 4U pedestal: 4 or 8 x 3.5" hot-swap HDDs Optional optical disk drive available for all systems | |
| System Cooling | Non-redundant cooling fans | |
| Power Supply Options | 350W fixed, 450W or 460W AC Redundant PSU (Gold Efficiency) KDK only: 365W fixed AC PSU (Silver Efficiency) | |
| Module Upgrades | Intel® Trusted Platform Module <i>For L, O and M boards only</i> Intel® I/O Module Intel® Storage I/O Module Intel® Remote Management Module 4 | |

1U rack

R1304RPSSFBN
4 x 3.5" fixed HDD
1 x 350W AC PSU
Intel Server Board S1200v3RPS

R1304RPOSHBN
4 x 3.5" hot-swap HDD
1 x 350W AC PSU
Intel Server Board S1200v3RPO

R1304RPMSHOR
4 x 3.5" hot-swap HDD
2 x 450W AC PSU
Intel Server Board S1200v3RPM

R1208RPOSHOR
8 x 2.5" hot-swap HDD
2 x 450W AC PSU
Intel Server Board S1200v3RPO

R1208RPMSHOR
8 x 2.5" hot-swap HDD
2 x 450W AC PSU
Intel Server Board S1200v3RPM

4U pedestal

P4308RPLSHDR
8 x 3.5" hot-swap HDD
2 x 460W AC PSU
Intel Server Board S1200v3RPL

P4304XXSFCN (KDK)
4 x 3.5" fixed HDD
1 x 365W AC PSU

P4304XXSHCN (KDK)
4 x 3.5" hot-swap HDD
1 x 365W AC PSU

INFORMATION IN THIS DOCUMENT IS PROVIDED IN CONNECTION WITH INTEL PRODUCTS. NO LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE, TO ANY INTELLECTUAL PROPERTY RIGHTS IS GRANTED BY THIS DOCUMENT. EXCEPT AS PROVIDED IN INTEL'S TERMS AND CONDITIONS OF SALE FOR SUCH PRODUCTS, INTEL ASSUMES NO LIABILITY WHATSOEVER AND INTEL DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY, RELATING TO SALE AND/OR USE OF INTEL PRODUCTS INCLUDING LIABILITY OR WARRANTIES RELATING TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT.

UNLESS OTHERWISE AGREED IN WRITING BY INTEL, THE INTEL PRODUCTS ARE NOT DESIGNED NOR INTENDED FOR ANY APPLICATION IN WHICH THE FAILURE OF THE INTEL PRODUCT COULD CREATE A SITUATION WHERE PERSONAL INJURY OR DEATH MAY OCCUR.

Intel may make changes to specifications and product descriptions at any time, without notice. Designers must not rely on the absence or characteristics of any features or instructions marked "reserved" or "undefined". Intel reserves these for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from future changes to them. The information here is subject to change without notice. Do not finalize a design with this information.

The products described in this document may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request. Contact your local Intel sales office or your distributor to obtain the latest specifications and before placing your product order.

Contact your local Intel sales office or your distributor to obtain the latest specifications and before placing your product order.

Intel, the Intel logo, Intel Inside, Xeon and Xeon Inside are trademarks of Intel Corporation in the U.S. and/or other countries.

*Other names and brands may be claimed as the property of others.

Copyright © 2013 Intel Corporation. All rights reserved.

327581-005 US

0713/GMcK/MANDISH/PDF

