Intel® Server Board S1200v3RP 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 S1200v3RP. Featuring support for the Intel® Xeon® processor E3-1200v4 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 v4
- 4 U-DIMMs 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® Server Board S1200v3RP Product Family Technical Specifications

<table>
<thead>
<tr>
<th>Form Factor</th>
<th>1U rack: 1.75&quot; x 17.24&quot; x 21.8&quot;</th>
<th>4U pedestal: 17.24&quot; x 6.9&quot; x 21.5&quot;</th>
</tr>
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<tbody>
<tr>
<td>Server Board Included</td>
<td>S1200v3RPS</td>
<td>S1200v3RPL</td>
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<td></td>
<td>S1200v3RPO</td>
<td>S1200v3RPM</td>
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<tr>
<td>Processors Supported</td>
<td>One Intel® Xeon® processor E3 1200 v4 product family, up to 95W $^*$</td>
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<tr>
<td>Slot Types</td>
<td>S1200v3RPS/L</td>
<td>S1200v3RPO/M</td>
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<tr>
<td></td>
<td>1 PCI Express® * 3.0 x8</td>
<td>1 PCI Express® * 3.0 x8</td>
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<tr>
<td></td>
<td>2 PCI Express 2.0 x4</td>
<td>1 internal or external mezzanine</td>
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<td></td>
<td>1 PCI Express 2.0 x1</td>
<td>connector x8</td>
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<tr>
<td></td>
<td>1 internal mezzanine connector x8</td>
<td>OR 2 mezzanine connectors x4</td>
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<tr>
<td>Memory Capacity</td>
<td>4 U-DIMMs 1333 / 1600 ECC 32 GB max</td>
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<tr>
<td>Drive Options</td>
<td>1U rack: 8 x 2.5&quot; or 4 x 3.5&quot; hot-swap HDDs</td>
<td>4U pedestal: 4 or 8 x 3.5&quot; hot-swap HDDs</td>
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<tr>
<td></td>
<td>Optional optical disk drive available for all systems</td>
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<tr>
<td>System Cooling</td>
<td>Non-redundant cooling fans</td>
<td></td>
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<tr>
<td>Power Supply Options</td>
<td>350W fixed, 450W or 460W AC Redundant PSU (Silver Efficiency)</td>
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<td>Module Upgrades</td>
<td>Intel® Trusted Platform Module</td>
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<td></td>
<td>For L, O and M boards only</td>
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<td></td>
<td>Intel® I/O Module</td>
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<td>Intel® Storage I/O Module</td>
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<td>Intel® Remote Management Module 4</td>
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### 1U rack

**R1304RPSFBN**
- 4 x 3.5" fixed HDD
- 1 x 350W AC PSU
- Intel Server Board S1200v3RPS

**R1304RPOSBN**
- 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

**R1208RPOSOR**
- 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

**P430RPLSHDR**
- 8 x 3.5" hot-swap HDD
- 2 x 460W AC PSU
- Intel Server Board S1200v3RPL

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