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# Intel® Server Board S1200SPLR

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## Specifications

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## Essentials

⬇ Export specifications

| | |
|---|---|
| Product Collection | Intel® Server Board S1200SP Family |
| Code Name | Products formerly Silver Pass |
| Status | Launched |
| Launch Date ? | Q1'17 |
| Expected Discontinuance ? | 1H'20 |
| Limited 3-year Warranty | Yes |
| Extended Warranty Available for Purchase (Select Countries) | Yes |
| Additional Extended Warranty Details | Single Processor Board Extended Warranty |
| Compatible Product Series | Intel® Xeon® Processor E3-1200 v6 Product Family |
| Board Form Factor | uATX |
| Chassis Form Factor | Rack or Pedestal |
| Socket | LGA 1151 Socket H4 |
| Integrated Systems Available | No |
| Integrated BMC with IPMI ? | IPMI 2.0 |
| TDP ? | 80 W |
| Included Items | (1) Server Board; (4) SATA Data Cables; (1) I/O Shield; (1) Attention Document; (1) Quick Start User's Guide; (1) Quick Configuration Label |
| Recommended Customer Price ? | N/A |
| Board Chipset | Intel® C236 Chipset |
| Target Market | Small and Medium Business |

## Supplemental Information

| | |
|---|---|
| Embedded Options Available ? | No |
| Datasheet | View now |
| Description | An entry-level single socket board with Intel® C236 chipset supporting one Intel® Xeon® Processor E3-1200 v5 & v6 family , 4 UDIMMs, Dual integrated 1GBaseT Ethernet. Supports eight SATA3 ports, M.2 SATA SSD (42mm) and Intel® Integrated RAID Module. |
| Additional Information URL | View now |

## Memory Specifications

| | |
|---|---|
| Max Memory Size (dependent on memory type) ? | 64 GB |
| Memory Types ? | DDR4 ECC UDIMM |
| Max # of Memory Channels ? | 2 |

| | |
|---|---|
| Max Memory Bandwidth ? | 68.256 GB/s |
| Physical Address Extensions ? | 40-bit |
| Max # of DIMMs ? | 4 |
| ECC Memory Supported ‡ ? | Yes |
| DIMM Type | UDIMM |

## Processor Graphics

| | |
|---|---|
| Integrated Graphics ‡ ? | Yes |
| Graphics Output ? | Display Port, VGA |

## Expansion Options

| | |
|---|---|
| PCI Express Revision ? | 3.0 |
| Max # of PCI Express Lanes ? | 20 |
| PCIe x4 Gen 3 ? | 1 |
| PCIe x8 Gen 3 ? | 1 |
| PCIe x16 Gen 3 ? | 1 |
| Connector for Intel® I/O Expansion Module x8 Gen 3 ? | 1 |
| Connector for Intel® Integrated RAID Module ? | 1 |

## I/O Specifications

| | |
|---|---|
| # of USB Ports | 9 |
| USB Revision ? | 2.0 & 3.0 |
| Total # of SATA Ports ? | 8 |
| RAID Configuration ? | Software RAID RST (0,1,10,5) and ESRT2 (0,1,10) |
| # of Serial Ports ? | 1 |
| # of LAN Ports ? | 2 |
| Integrated LAN ? | 2x 1GbE |
| Embedded USB (eUSB) Solid State Drive Option ? | No |
| Integrated InfiniBand* ? | No |

## Package Specifications

| | |
|---|---|
| Max CPU Configuration | 1 |

## Advanced Technologies

| | |
|---|---|
| Intel® Virtualization Technology for Directed I/O (VT-d) ‡ ? | Yes |
| Intel® Remote Management Module Support ? | Yes |
| Intel® Node Manager ? | Yes |
| Intel® Rapid Storage Technology enterprise ? | Yes |
| Intel® I/O Acceleration Technology ? | Yes |

## Intel® Transparent Supply Chain

| | |
|---|---|
| PM Version ? | 2.0 |

## Security & Reliability

| | |
|---|---|
| Intel® Trusted Execution Technology ‡ ❓ | Yes |

## More support options for Intel® Server Board S1200SPLR

**Product Support**

**Downloads and Software**

**Support Community**

**Warranty and Replacement**

### Need more help?

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Refer to Datasheet for formal definitions of product properties and features.

"Announced" SKUs are not yet available. Please refer to the Launch Date for market availability.

Some products can support AES New Instructions with a Processor Configuration update, in particular, i7-2630QM/i7-2635QM, i7-2670QM/i7-2675QM, i5-2430M/i5-2435M, i5-2410M/i5-2415M. Please contact OEM for the BIOS that includes the latest Processor configuration update.

‡ This feature may not be available on all computing systems. Please check with the system vendor to determine if your system delivers this feature, or reference the system specifications (motherboard, processor, chipset, power supply, HDD, graphics controller, memory, BIOS, drivers, virtual machine monitor-VMM, platform software, and/or operating system) for feature compatibility. Functionality, performance, and other benefits of this feature may vary depending on system configuration.

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System and Maximum TDP is based on worst case scenarios. Actual TDP may be lower if not all I/Os for chipsets are used.

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