



Intel® Server Board S1200SPLR

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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
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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
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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?

Contact support



Give Feedback

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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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