

Intel DBS1200SPOR motherboard Intel® C236 micro ATX

Brand : Intel

Product code: DBS1200SPOR

Product name : DBS1200SPOR

Server Board S1200SPOR, Single

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Intel® Trusted Execution Technology for safer computing is a versatile set of hardware extensions to Intel® processors and chipsets that enhance the digital office platform with security capabilities such as measured launch and protected execution. It enables an environment where applications can run within their own space, protected from all other software on the system.

TPM (Trusted Platform Module) is a component that provides hardware level security upon system boot-up via stored security keys, passwords, encryption and hash functions.

Internal IO expansion module indicates a mezzanine connector on Intel® Server Boards that supports a variety of Intel(r) I/O Expansion Modules using a x8 PCI Express* interface. These modules are either RoC (RAID-on-Chip) or SAS (Serial Attached SCSI) modules that are not used for external connectivity through the rear I/O panel.

Processor		Processor special features	
Processor manufacturer *	Intel	Intel I/O Acceleration Technology	✓
Intel Xeon series	E3-1200	Trusted Platform Module (TPM) version	2.0
Maximum number of PCI Express lanes	20	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Maximum internal memory supported by processor	64 GB	Intel Rapid Storage Technology enterprise	✓
Memory bandwidth supported by processor (max)	68.256 GB/s	Intel Remote Management Module Support	✓
ECC supported by processor	✓	Connector for Intel I/O Expansion Module x8 Gen 3	1
Product family	Single-socket server board	Internal I/O Expansion Module x8 Gen 3	1
Product series	Intel S1200SP	Intel Intelligent Power Node Manager	✓
Product codename	Silver Pass	Integrated BMC with IPMI	✓
Memory		Integrated systems available	✓
Supported memory types *	DDR4-SDRAM	Logistics data	
Memory channels	Dual-channel	Harmonized System (HS) code	8473301180
ECC	✓	Other features	
Maximum internal memory *	64 GB	PCI Express x8 (Gen 3.x) slots	1
Storage controllers		Maximum UDIMM memory	64 GB
Supported storage drive interfaces *	SATA	Number of DIMM slots	4
RAID support	✓	Number of processors supported	1
RAID levels	0, 1, 10	Embedded options available	✗
Graphics		CPU configuration (max)	1
On-board graphics card	✗	Graphics output	VGA
Discrete graphics support	✓	PCI Express CEM revision	3.0
Internal I/O		Intel Node Manager	✓
Number of SATA connectors	8	Packaging content	(1)Server Board. (4)SATA Data Cable. (1)Attention Documentation. (1)Quick Start User's Guide. (1)Quick Configuration Label
Total number of SATA connectors	8	Chassis type	Rack
Rear panel I/O ports		Thermal Design Power (TDP)	80 W
Ethernet LAN (RJ-45) ports *	2	Motherboard ARK ID	97952
Serial ports quantity	1	Technical details	
Network		Launch date	Q1'17
Ethernet LAN	✓	Product type	Server/Workstation Board
Ethernet interface type	Gigabit Ethernet	Status	Launched
Wi-Fi *	✗		

Features

Motherboard chipset *	Intel® C236
Component for *	Server
Motherboard form factor *	micro ATX
Physical Address Extension (PAE)	✓
Physical Address Extension (PAE)	40 bit
Rack-Friendly board	✓
Embedded USB (eUSB) SSD option	✗
Market segment	Server

Expansion slots

PCI Express slots version	3.0
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Processor special features

Intel Trusted Execution Technology	✓
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Technical details

USB ports quantity	9
USB version	2.0/3.2 Gen 1 (3.1 Gen 1)
Maximum memory	64 GB
Supported RAID configuration	Software RAID RSTe (0.1.10.5) and ESRT2 (0.1.10)
Last change	63903513
Expected discontinuance date	Q3'20
Form factor	uATX
Last order date	Sunday, July 5, 2020
End of life date announce	Tuesday, July 30, 2019
Additional information URL	http://www.intel.com/content/www/us/en/motherboards/server-motherboards/server-board-s1200sp.html
Last receipt attributes date	Monday, October 5, 2020



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