

# Intel R1304SPOSHOR server barebone Intel® C236 LGA 1151 (Socket H4) Rack (1U) Black, Silver

**Brand :** Intel

**Product code:** R1304SPOSHOR

**Product name :** R1304SPOSHOR



Server System R1304SPOSHOR

Intel R1304SPOSHOR. Motherboard chipset: Intel® C236, Processor socket: LGA 1151 (Socket H4), Motherboard form factor: micro ATX. Supported memory types: DDR4-SDRAM, Maximum internal memory: 64 GB, Buffered memory type: Unregistered (unbuffered). Storage drive sizes supported: M.2, Supported storage drive interfaces: M.2, Serial ATA, RAID levels: 0, 1, 5, 10. LAN controller: Intel I210. Market segment: Server, Export Control Classification Number (ECCN): 5A992C, Commodity Classification Automated Tracking System (CCATS): G157815L2

Processor		Processor special features	
Motherboard chipset *	Intel® C236	Intel Remote Management Module Support	✓
Motherboard form factor	micro ATX	Intel Intelligent Power Node Manager	✓
Processor socket *	LGA 1151 (Socket H4)	Intel Server Management Software	✓
Processor manufacturer	Intel	Connector for Intel I/O Expansion Module x8 Gen 3	1
Processor family	Intel	Internal I/O Expansion Module x8 Gen 3	1
Number of processors supported *	1	<b>Design</b>	
System bus rate	8 GT/s	Chassis type *	Rack (1U)
Maximum internal memory supported by processor	64 GB	Product colour	Black, Silver
Compatible processor series	Intel® Xeon® E3 Family	Rack rails	✗
Intel Xeon series	E3-1200	Rack-Friendly board	✓
<b>Memory</b>		Redundant fans support	✗
Number of DIMM slots *	4	Heat sink included	✓
Supported memory types *	DDR4-SDRAM	Heat sink	F1UE3PASSHS
Maximum internal memory	64 GB	<b>Power</b>	
Buffered memory type	Unregistered (unbuffered)	Power supply type	AC
Maximum UDIMM memory	64 GB	Power supply *	450 W
<b>Storage</b>		Redundant power supply (RPS) support	✓
Number of storage drives supported *	1	Number of power supply units	2
Hot-swap HDD bays *	✓	<b>Weight &amp; dimensions</b>	
Number of 3.5" bays	4	Width	438.4 mm
Storage drive sizes supported	M.2	<b>Packaging data</b>	
Supported storage drive interfaces	M.2, Serial ATA	(1) Intel Server Board S1200SPO, (1) Riser card assembly (AXX1UPCIEX16R2), (2) 450W redundant power supply, (1) Power Distribution Board, (4) 3.5 inch Hot-swap drive bays with (4) 3.5 inch Hot-swap drive trays (FXX35HSCAR), and (1) 12Gb SAS Backplane (FR1304S3HSBP), (1) SATA data cable, (1) Backplane 12C cable, (1) SATA ODD data cable, (1) SAS Data cable, (3) System fans, (1) Standard control panel assembly, (1) Front Q/O Pannel assembly (1 x VGA & 2 x USB), (1) SATA Optical drive bay with filler panel, (2) Chassis handles -installed	
RAID levels	0, 1, 5, 10		
SSD form factor	M.2	<b>Packaging content</b>	
<b>Network</b>		(1) Intel Server Board S1200SPO, (1) Riser card assembly (AXX1UPCIEX16R2), (2) 450W redundant power supply, (1) Power Distribution Board, (4) 3.5 inch Hot-swap drive bays with (4) 3.5 inch Hot-swap drive trays (FXX35HSCAR), and (1) 12Gb SAS Backplane (FR1304S3HSBP), (1) SATA data cable, (1) Backplane 12C cable, (1) SATA ODD data cable, (1) SAS Data cable, (3) System fans, (1) Standard control panel assembly, (1) Front Q/O Pannel assembly (1 x VGA & 2 x USB), (1) SATA Optical drive bay with filler panel, (2) Chassis handles -installed	
Ethernet LAN	✓	<b>Other features</b>	
LAN controller	Intel I210	CPU configuration (max)	1
<b>Ports &amp; interfaces</b>		On-board graphics card	✗
USB ports quantity	9	3.5" HDD support	Hot-swap 3.5" HDD or 2.5" SSD
USB 2.0 ports quantity *	9	Additional information URL	
Ethernet LAN (RJ-45) ports *	2	http://www.intel.com/content/www/us/en/server-systems/server-board-s1200sp-systems.html	
Serial ports quantity	1		
Number of SATA connectors	8		
<b>Expansion slots</b>			
PCI Express x8 (Gen 3.x) slots	1		
<b>Features</b>			
Integrated BMC with IPMI	✓		
Trusted Platform Module (TPM)	✓		

Features		Other features	
Trusted Platform Module (TPM) version	1.2	Chassis dimensions	438.4 x 605.5 x 43.2 mm (17.3 x 23.8 x 1.7")
Intel Node Manager	✓	Expected discontinuance date	Q4'16
Backplanes	Included	Extended warranty available for purchase (select countries)	✓
Backplanes support	✓	Included riser slot 1 configuration(s)	1x PCIe Gen3 x8
Market segment	Server	Last change	63903513
Export Control Classification Number (ECCN)	5A992C	Launch date	Q2'16
Commodity Classification		Number of storage drives supported (internal)	1
Automated Tracking System (CCATS)	G157815L2	Optical drive supported	✓
ARK ID	88648	Redundant fans	✗
		Riser slot 1 number of lanes	8
		Status	Discontinued
		Supported RAID configuration	Software RAID RSTe (0,1,10,5) and ESRTZ (0,1,10)
		Supported board	Intel Server Board S1200SPO
		Supported storage drives form factor (internal)	M.2 SSD
		Target market	Entry
		Images Type Map	✗ ✗
		Maximum memory	64 GB
		Product type	System
		Product family	1U server system
		Product series	Intel® Server System R1000SPO Family
		Product codename	Silver Pass
Logistics data			
Harmonized System (HS) code	8473305100		
Processor special features			
Intel I/O Acceleration Technology	✓		
Intel Rapid Storage Technology enterprise	✓		



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