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# Intel® Server System P4308IP4LHGC

Specifications

Essentials

Launch Date	Q3 '12
Status	End of Life
Expected Discontinuance	Q1'13
Limited 3-year Warranty	Yes
Extended Warranty Available for Purchase (Select Countries)	Yes
Compatible Product Series	Intel® Xeon® Processor E5-2600 Series
Chassis Form Factor	4U Pedestal
Chassis Dimensions	17.24" x 26.9" x 6.81"
Board Form Factor	Custom 14.2" x 15"
Rack Rails Included	No
Socket	Socket R
System Board	Intel® Server Board S2600IP4
Board Chipset	Intel® C602 Chipset (Intel® BD82C602 PCH)
Description	An integrated 4U system featuring an Intel® Server Board S2600IP4 supporting 10 I/O slots: two mezzanine (x8) slots, eight PCIe* slots supporting up to four DW cards (x16) plus up to eight SCU ports, two SATA3 ports and quad 1 GbE LAN.
Target Market	Storage
Rack-Friendly Board	Yes
Power Supply	750 W
Power Supply Type	AC
# of Power Supply Included	2
Redundant Fans	Yes
Redundant Power Supported	Yes
Heat Sink	2
Heat Sink Included	Yes
Backplanes	Included
Included Items	(1) Intel® Server Board S2600IP4, (8) 3.5" Hot-swap drive carriers, (2) 750W Common redundant power supply (Platinum efficiency), Redundant cooling, (2) Tower passive heat sink, (1) Intel® RAID C600 Upgrade Key RKSATA8 and (1) Air duct.
# of Front Drives Supported	8
Front Drive Form Factor	Hot-swap 2.5" or 3.5"
Additional Information URL	<a href="#">Link</a>
Recommended Customer Price	N/A

Memory Specifications

Memory Types	DDR3 ECC UDIMM/LV RDIMM/LV 1066/1333/1600/1866, Load Reduced 1333/1333LV
Max # of DIMMs	16
Max Memory Size (dependent on memory type)	512 GB

Graphics Specifications

Integrated Graphics *	Yes
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Expansion Options

PCIe x8 Gen 3	3
PCIe x16 Gen 3	4
PCIe x4 Gen 2.x	1
Connector for Intel® I/O Expansion Module	1
Connector for Intel® Integrated RAID Module	1

I/O Specifications

# of USB Ports	5
Total # of SATA Ports	10
RAID Configuration	Software RAID 0,1,10,5 (LSI RSTE)
# of Serial Ports	2
Integrated LAN	4x 1GbE
# of LAN Ports	4
Optical Drive Support	Yes
Firewire	No
Integrated SAS Ports	8
Embedded USB (eUSB) Solid State Drive Option	Yes
Integrated InfiniBand*	No

Package Specifications

Max CPU Configuration	2
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Advanced Technologies

Intel® Remote Management Module Support	Yes
Integrated BMC with IPMI	IPMI 2.0
TPM Version	1.2
Intel® Node Manager	Yes
Intel® On-Demand Redundant Power	Yes
Intel® Advanced Management Technology	Yes
Intel® Server Customization Technology	Yes
Intel® Build Assurance Technology	Yes
Intel® Efficient Power Technology	No
Intel® Quiet Thermal Technology	Yes
Intel® Virtualization Technology for Directed I/O (VT-d) *	Yes
Intel® Matrix Storage Technology	Yes
Intel® Rapid Storage Technology	Yes
Intel® Rapid Storage Technology enterprise	Yes

Related Products

4U Pedestal (Rackable) Server Systems

Intel® Server System P4000IP Family

Products formerly Iron Pass

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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.

\* 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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