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SPECIFICATIONS

Essentials

Status	Launched
Launch Date	Q3'12
Limited 3-year Warranty	Yes
Extended Warranty Available for Purchase (Select Countries)	Yes
# of QPI Links	1
Board Form Factor	SSI ATX 12" X 9.6"
Chassis Form Factor	4U Rack or Pedestal
Socket	Socket B2
Integrated Systems Available	Yes
Integrated BMC with IPMI	IPMI 2.0
Rack-Friendly Board	Yes
Embedded Options Available	No
Max TDP	95 W
Included Items	(1)General Purpose Intel® Server Board S1400FP2, On Select SKUs: (1) I/O Shield, (2) SATA cables, (1) DVD contains Intel® Multi-Server Manager Software and Intel Deployment Assistant, (1) Quick Start Guide
Recommended Customer Price	
Description	Intel® Server Board S1400FP2 is the mainstream 1S server supporting one Intel® Xeon E5-

Memory Specifications

Max Memory Size (dependent on memory type)	96 GB
Memory Types	DDR3/LV DDR3 ECC UDIMM 1066/1333, RDIMM/LV RDIMM 1066/1333/1600 (no LRDIMM, QRDIMM)
# of Memory Channels	3

QUICK LINKS

Intel® C602 Chipset

Products formerly Freemont Pass

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Support Overview

PCN/MDDS Information

920570: MDDS

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Chip Shot: Intel® Identity Protection Technology and MasterCard® MasterPass® Now Available in US, Canada, Aus

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USA (English)

Target market

Small Business/1st Server

Additional Information URL

Link

http://ark.intel.com/products/61042/Intel-Server-Board-S1400FP2[8/7/2013 11:42:30 AM]

Max Memory Bandwidth	307.2 GB/s
Physical Address Extensions	46-bit
# of DIMMs	6
ECC Memory Supported ‡	Yes

Graphics Specifications

Integrated Graphics ‡	Yes
Graphics Output	D-sub
Intel® Clear Video Technology	No
Discrete Graphics	Supported

Expansion Options

PCI Support	yes
PCI Express Revision	3
PCIe x4 Gen 3	1
PCIe x8 Gen 3	1
PCIe x16 Gen 3	1
PCIe x4 Gen 2.x	1
PCIe x1 Gen 1.x	0
PCIe x4 Gen 1.x	0
PCIe x8 Gen 1.x	0
PCIe x16 Gen 1.x	0
IO Expansion x8 Gen 2.x	0

I/O Specifications

USB 2.0 Configuration (Back + Internal)	6
RAID Configuration	SW Raid 0/1/10/5 (LSI + RSTe)
# of Serial Ports	2
# of LAN Ports	2
Integrated LAN	2x 1GbE
Embedded USB (eUSB) Solid State Drive Option	Yes
Integrated SAS Ports	8
Integrated InfiniBand*	No

Package Specifications

Max CPU Configuration	1
Low Halogen Options Available	See MDDS

Advanced Technologies

Intel® Virtualization Technology for Directed I/O (VT-d) ‡	Yes
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Intel® Trusted Execution Technology ‡	Yes
AES New Instructions	Yes
Intel® vPro Technology ‡	No
Intel® ME Firmware Version	No
Intel® Remote Wake Technology	No
Intel® Remote PC Assist Technology	No
Intel® Remote Management Module Support	Yes
Intel® Node Manager	Yes
Intel® CIRA Technology	No
Intel® Anti-Theft Technology	No
TPM	Yes
TPM Version	1.2
Intel® Quick Resume Technology	No
Intel® Quiet System Technology	No
Intel® HD Audio Technology	No
Intel® AC97 Technology	No
Intel® Matrix Storage Technology	Yes
Intel® Fast Memory Access	Yes
Intel® Flex Memory Access	Yes
Intel® I/O Acceleration Technology	Yes
Intel® Advanced Management Technology	Yes
Intel® Server Customization Technology	No
Intel® Build Assurance Technology	No
Intel® Efficient Power Technology	No
Intel® Quiet Thermal Technology	Yes

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

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

The Recommended Customer Price ("RCP") is pricing guidance for Intel products. Prices are for direct Intel customers and are subject to change without notice. Taxes and shipping, etc. not included. Prices may vary for other package types and shipment quantities, and special promotional arrangements may apply. Listing of these RCP does not constitute a formal pricing offer from Intel. Please work with your appropriate Intel representative to obtain a formal price quotation.

‡ 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.

Low Halogen: Applies only to brominated and chlorinated flame retardants (BFRs/CFRs) and PVC in the final product. Intel components as well as purchased components on the finished assembly meet JS-709 requirements, and the PCB / substrate meet IEC 61249-2-21 requirements. The replacement of halogenated flame retardants and/or PVC may not be better for the environment.

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.