



Compare Queue (0)

Send Feedback

English

Type Here to Search Products

[Home](#)[Intel® Server Products](#)[Intel® Server Boards](#)[Single-Socket Server Boards](#)[Intel® Server Board S3420GPV](#)

Intel® Server Board S3420GPV

SPECIFICATIONS

[All](#)[Essentials](#)[Memory Specifications](#)[Graphics Specifications](#)[Expansion Options](#)[I/O Specifications](#)[Package Specifications](#)[Advanced Technologies](#)

COMPATIBLE PRODUCTS

[ORDERING / SSPECS /
STEPPINGS](#)

Specifications

Essentials

Status	Launched
Launch Date	Q1'10
Expected Discontinuance	Q4 2012
Limited 3-year Warranty	Yes
Extended Warranty Available for Purchase (Select Countries)	Yes
Board Form Factor	ATX
Chassis Form Factor	Rack or Pedestal
Socket	LGA1156
Integrated BMC with IPMI	No
Supplemental SKU	No
Recommended Customer Price	Essential server features for entry-level applications
Description	Small Business/1st Server
Target Market	Link

Memory Specifications

	16 GB
Max Memory Size (dependent on memory type)	DDR3 ECC UDIMM, RDIMM
Memory Types	2
# of Memory Channels	1333 GB/s
Max Memory Bandwidth	4
# of DIMMs	Yes

Graphics Specifications

	Yes
--	-----

Expansion Options

	32 bit/ 33 MHz
PCI Support	4
# of PCI Express Ports	1
PCIe x8 Gen 2.x	1
PCIe x16 Gen 2.x	1

I/O Specifications

	USB 2.0
USB Revision	4
# of USB Ports	6
USB 2.0 Configuration (Back + Internal)	6
# of SATA Ports	0, 1, 10, 5
RAID Configuration	1
# of Serial Ports	2
# of LAN Ports	

COMPARE PRODUCTS

- [Add to Compare](#)
- [Compare Now \(0\)](#)

QUICK LINKS

- [Products formerly Grosse Point](#)
- [Download Datasheet](#)
- [Additional Information](#)

ADDITIONAL INFORMATION

SEARCH DISTRIBUTORS >

S3420GPV

Buy From: [Arrow](#) | [Avnet](#)

PCN/MDDS INFORMATION

Integrated LAN	Dual GbE
Integrated SAS Ports	0
Package Specifications	
Max CPU Configuration	1
Energy Star	Yes
Low Halogen Options Available	See MDDS
Advanced Technologies	
Intel® Remote Management Module Support	No
Intel® Intelligent Power Node Manager	No
Intel® Matrix Storage Technology	Yes

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

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.

Enabling Execute Disable Bit functionality requires a PC with a processor with Execute Disable Bit capability and a supporting operating system. Check with your PC manufacturer on whether your system delivers Execute Disable Bit functionality.

64-bit computing on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. Consult with your system vendor for more information.

Hyper-Threading Technology (HT Technology) requires a computer system with an Intel® processor supporting HT Technology and an HT Technology enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software you use. See www.intel.com/products/ht/hyperthreading_more.htm for more information including

details on which processors support HT Technology.

Intel® Virtualization Technology requires a computer system with a processor, chipset, BIOS, virtual machine monitor (VMM) and for some uses, certain platform software, enabled for it. Functionality, performance or other benefit will vary depending on hardware and software configurations. Intel Virtualization Technology-enabled VMM applications are currently in development.

Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families. See http://www.intel.com/products/processor_number for details.

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

All information provided is subject to change at any time, without notice. Intel may make changes to manufacturing life cycle, specifications, and product descriptions at any time, without notice. The information herein is provided "as-is" and Intel does not make any representations or warranties whatsoever regarding accuracy of the information, nor on the product features, availability, functionality, or compatibility of the products listed. Please contact system vendor for more information on specific products or systems.

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.

Max Turbo Frequency refers to the maximum single-core frequency that can be achieved with Intel® Turbo Boost Technology, which requires a PC with a processor with Intel Turbo Boost Technology capability. Intel Turbo Boost Technology performance varies depending on hardware, software, and overall system configuration. Check with your PC manufacturer on whether your system delivers Intel Turbo Boost Technology. See www.intel.com/technology/turboboost/ for more information.

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.

©Intel
Corporation