

# Intel® Server Board SE7525GP2 & SE7320SP2

**Preliminary Product Overview**  
**June, 2004**

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# Intel® Server Product line overview

Intel® Entry Server Chassis SC5275-E Is a reliable and flexible server chassis for entry level server and workstation applications

Intel® Server Chassis SC5300 provides maximum reliability, scalability, and manageability in a highly versatile Intel server chassis

## Intel® Server Board SE7210TP1

Entry-level features & enhanced I/O bandwidth for basic server applications

DTOS Conversion  
First Server Purchase

## Intel® Server Board SE7320SP2

Real server features that provide room-to-grow for small business server solutions

Price Sensitive  
Real server

## Intel® Server Board SE7525GP2

Extreme I/O and graphics bandwidth with flexibility for servers and workstations

Workstation Graphics & Processing  
Performance Acoustics

## Intel® Server Board SE7520BD2

Powerful processing, high bandwidth, and scalable management for general-purpose servers

Performance  
Reliability  
Manageability

## Intel® Server Board SE7520AF2

Outstanding performance, excellent data protection, and advanced management for departmental servers

Max. Performance,  
Uptime,  
Expandability

# Intel® Server Board SE7320SP2 & SE7525GP2

## Positioning

- Intel® Server Board SE7320SP2 offers a solution combining performance, innovation and quality.
- The Intel® Server Board SE7525GP2 offers the flexibility to address the power-hungry mid-range workstation segments as well as the entry-level server market segment

- Dual Intel® Xeon™ Processors
- Support for Intel® Extended Memory 64 Technology<sup>1</sup>
- Intel E7320 and E7525 chipsets
- x16 PCI-Express\* Graphics Card Capability (SE7525GP2)
- 8Gb DDR2 266/333 support over 4 DIMMs
- PCI-X\* I/O (64bit/66MHz)
- Intel Workstation chassis (e.g. SC5275-E)
- Intel Gigabit NIC
- ATX Form Factor (12" x 10.6")
- Single channel U320 SCSI support via accessory card option
- Intel Server Management Essentials Support

<sup>1</sup> Intel® Extended Memory 64 Technology (Intel® EM64T) requires a computer system with a processor, chipset, BIOS, OS, device drivers and applications enabled for Intel EM64T. Processor will not operate (including 32-bit operation) without an Intel EM64T-enabled BIOS. Performance will vary depending on your hardware and software configurations. Intel EM64T-enabled OS, BIOS, device drivers and applications may not be available. Check with your vendor for more information.

# Intel® Server Board SE7320SP2 & SE7525GP2 Box Contents

1. Intel® Server Board SE7525GP2 or SE7320SP2
2. Quick Start User Guide
3. Intel® Server CD pack
  - Intel® Server Deployment Toolkit
    - Intel® Express installer
    - Intel® SMART CD
  - Intel® Server Manager 8 software
4. Cable pack
5. I/O Shield & Gasket
6. Board configuration Sticker
7. 3 Year Limited Warranty



# Intel® Server Board SE7525GP2

## Product brief

### Board Features

- Dual Intel® Xeon™ Intel® Xeon™ processors at 800MHz FSB
- Support for Intel® Extended Memory 64 Technology<sup>1</sup>
- Intel E7525 Chipset
- 8GB DDR 266/333 (4DIMMs, ECC)
- PCI-Express and PCI IO
  - **PCI-Express\* slot: 1 x16**
  - PCI-X: 2 x 64/66
  - PCI: 2 x 32/33
- Intel® PRO/1000 server Ethernet
- 2 Port SATA
- Integrated PCI graphics (8MB)
- Intel® Server Management Essentials ISM 8.0
- Adapter based SCSI - single channel U320 accessory
- ATX Board (12" x 10.6")

### Intel® Entry Server Chassis SC5275-E(Pilot Point II) 5U

- 6 fixed drives, optional 6 hot swap SCSI or serial ATA
- Peripheral bays – 2 5.25" bays, plus one 3.5" flexible bay
- 600W Fixed PFC power supply



Workstation cooling-kit accessory  
- 1 kit contains 1 heat sink -



# Intel® Server Board SE7320SP2

## Product brief

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- Intel E7320 Chipset
- 8GB DDR 266/333 (4DIMMs, ECC)
- PCI-Express\* and PCI IO
  - PCI-X: 2 x 64/66
  - PCI: 2 x 32/33
- Intel® PRO/1000 server Ethernet
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- Intel® Server Management Essentials ISM 8.0
- Adapter based SCSI - single channel U320 accessory
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### Intel® Entry Server Chassis SC5275-E

6 fixed drives, optional 6 hot swap SCSI or serial ATA

- Peripheral bays – 2 5.25" bays, plus one 3.5" flexible bay
- 600W Fixed PFC power supply

### Intel® Server Chassis SC5300 (Base only)

Two unique drive bays supporting SCSI, SATA, or IDE drives

Split over a 6 drive bay and/or one 4 drive bay + 3 x 5.25" bays



# Comparative Analysis

## Selling Points

Customer Requirement	Intel Advantage
Processing power	Dual Intel® Xeon™ processors with 800MHz system bus and Hyper-Threading Technology offer outstanding performance
Leading technology	Technology Leadership with features like Intel® Active Airflow Control and Intel® Drive Stabilization Technology
Great Manageability	Advanced Intel® Server Management 8 includes outstanding Onboard Platform Instrumentation and software.
Quality, Warranty, & Support	Outstanding product quality and the support programs you need in case of any technical issues including a three-year limited warranty, AWR, & 24 x 7 support

***Outstanding price to value ratio***

# Summary

- **Intel® Server Board SE7320SP2 offers a solution combining performance, innovation, quality and more than all cost-effectiveness, where the Intel® Server Board SE7525GP2 offers the flexibility to address the power-hungry workstation segments as well as the entry-level server market segments**
- **Innovative features to deliver outstanding products to your customers at a great price-value ratio**
- **Intel provides the extras for you to succeed, in addition to world-class products**

**Build Your General Purpose Solutions with  
Leadership Intel® Server Building Blocks**