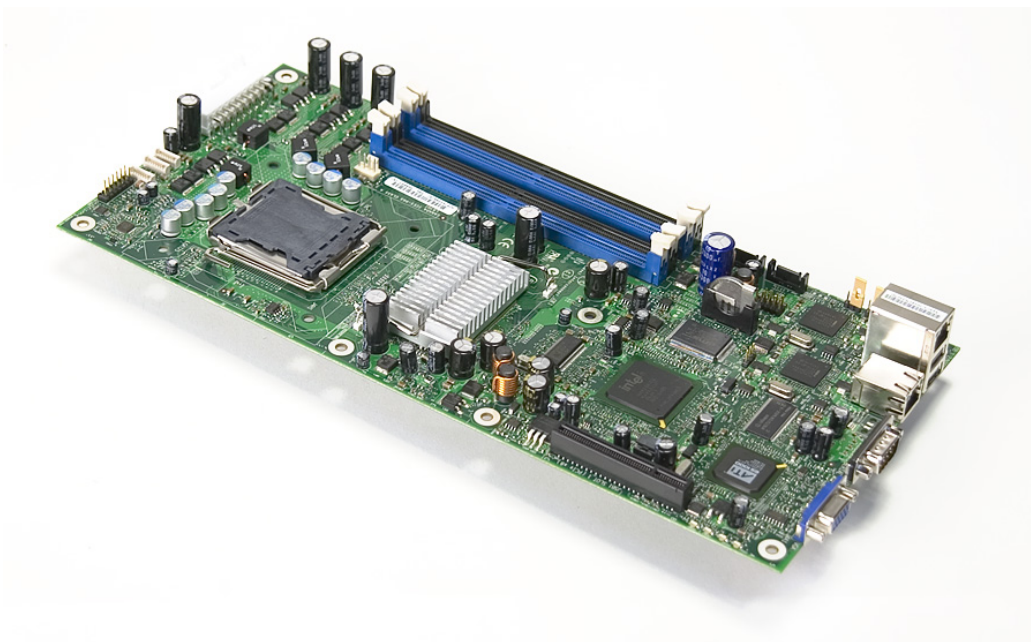


# Intel® Server Board S3000PT Spares/Parts List and Configuration Guide – for Production Products

A reference guide to assist customers in ordering the Intel® Server Board S3000PT  
~Subject to Change without Notice~

Rev 1.1 – Production Version

December, 2006



INFORMATION IN THIS DOCUMENT IS PROVIDED IN CONNECTION WITH INTEL® PRODUCTS. NO LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE, TO ANY INTELLECTUAL PROPERTY RIGHTS IS GRANTED BY THIS DOCUMENT. EXCEPT AS PROVIDED IN INTEL'S TERMS AND CONDITIONS OF SALE FOR SUCH PRODUCTS, INTEL ASSUMES NO LIABILITY WHATSOEVER, AND INTEL DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY, RELATING TO SALE AND/OR USE OF INTEL PRODUCTS INCLUDING LIABILITY OR WARRANTIES RELATING TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT. Intel products are not intended for use in medical, life saving, life sustaining applications. Intel may make changes to specifications<sup>6</sup> and product descriptions at any time, without notice.

Intel server boards, server chassis, and processors may contain design defects or errors known as errata, which may cause the product to deviate from published specifications. Current characterized errata are available upon request.

Intel, Intel Xeon, Pentium, and the Intel logo are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

\*Other names and brands may be claimed as the property of others.

Copyright © 2006, Intel Corporation

## A. Product Description

### S3000PT Board Description

The Intel® Server Board S3000PT is available in three SKUs. All SKUs are identical with the exception of the power connector.

BPTVBB features an 18-pin vertical power connector that allows short depth chassis configurations. This is an OEM 10-pack product.

BPTHBB features a flanged horizontal power connector that enables blind mating of the board into a corresponding power plug and keeps the power cord out of the airflow. This is an OEM 10-pack product.

S3000PTH is simply the horizontal SKU board in a convenient 4-pack.

Note: None of the SKUs come with software, cables, I/O shields or any accessories. They are dependent on the specific implementation and the chassis vendor will typically provide the I/O shield, risers, and cables that are unique to that design.

#### **Listed below are the *common features* for both the BPTVBB, BPTHBB, and S3000PTH SKUs**

- New 6x13" form factor that enables 2 servers per 1U chassis.
- Intel® 3000 Chipset with up to 1066MHz system bus
- Support for DDR2 memory (533/667, un-buffered ECC or non-ECC)
- Support for the Intel® Core™2 Extreme Quad Core Processor, Dual-Core Intel® Xeon® processor 3000 Sequence, Intel® Pentium® D processor, Intel® Pentium® 4 processor, and Intel® Celeron® processor in the LGA-775 socket
- Dual integrated Intel® Gigabit Ethernet Controllers
  - Intel® 82573E and Intel® 82573V Ethernet Controllers. The 82573E support Intel® Active Management Technology for basic out of band management capabilities
- Integrated 2-port 3.0Gbps SATA – with support for RAID levels 0, 1
- Small form factor 18 pin power connector (horizontal or vertical orientation depending on SKU)

## B. S3000PT – Production Order Codes

### S3000PT Board SKUs

Product Code	MM#	UPC	Description	Qty Per
BPTHBB	888000	00735858189941	OEM 10-pack of Intel® Server Board S3000PT (HORIZONTAL POWER CONNECTOR) 4 DDR2 DIMMS, two SATA Ports, 6' x 13" form factor. RoHS	10

			Compliant and Pb-free 2nd level interconnect.	
BPTVBB	888001	00735858189958	OEM 10-pack of Intel® Server Board S3000PT (VERTICAL POWER CONNECTOR) 4 DDR2 DIMMS, two SATA Ports, 6' x 13" form factor. RoHS Compliant and Pb-free 2nd level interconnect.	10
S3000PTH	888003	00735858189965	Boxed 4-pack of Intel® Server Board S3000PT (HORIZ. PWR CONN) 4 DDR2 DIMMS, Two SATA Ports, 6' x 13" form factor. RoHS Compliant and Pb-free 2nd level interconnect.	4

## C. Chassis – Production Order Codes

### Server Chassis Ordering Information

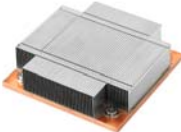

There are no Intel chassis available for this product. Customers may develop their own chassis or use one of the reference chassis identified in the Reference Chassis List in the Compatibility section of the product support page at <http://support.intel.com/>

## D. Third Party Reference Chassis and Accessory Resources

Vendor	Part Number	Description and URL	Contact	Phone #
Evercase*	R913-PTS	1U rack-mount chassis with support for two Intel® S3000PT Server Boards, two fixed SATA HDD's (one per board), and two dedicated high efficiency power supplies (one per board).  <a href="http://www.evercase.com">http://www.evercase.com</a>	Mark Lin	(408) 894-9003 x110 mark_lin@evercase.com
Avnet	AVDPT100	1U short depth rack-mount chassis with support for two Intel® S3000PT Server Boards, two fixed SATA HDD's (one per board), and one high efficiency power supply.  <a href="http://www.avnet.com">http://www.avnet.com</a>	Derek Dezso	(480) 794-8722 Derek.Dezso@avnet.com

## E. Intel Accessories and Spares – Order Codes

### Optional Accessories for S3000PT board

Product Code	MM#	UPC	Description	Picture	Min. Order Qty.
AXXUPHS	886893	00735858191258	Intel 1U passive heatsink (light weight with embedded heat pipe)		10
AXXIBDDRPT	888413	00735858192156	Infiniband DDR HCA card, 20Gb/s, PCI Express x8 for Intel Server Board S3000PT		1

Note: The AXXUPHS has been mechanically validated for use with the S3000PT board with direct chassis attach implementations.. However, each customer will have a unique chassis implementation and it will be up to each customer to test and validate their system at the appropriate shock and vibration levels that they feel are necessary for their specific application.

End of Configuration Guide