

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 0.9 – pre-production draft
(heat sink information to be updated when available)

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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. This is an OEM 10-pack product.

BPTVBB features an 18-pin vertical power connector that allows short depth chassis configurations.

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 and BPTHBB SKUs

- New 6x13" form factor that enables 2 servers per 1U chassis.
- Intel® S3000 Chipset with up to 1066MHz system bus
- Support for DDR2 memory (533/667, un-buffered ECC or non-ECC)
- Support for the dual core 65W processors (codenamed Conroe as of this writing), Intel® Pentium® D processors, Intel® Pentium® 4 processors, and Intel® Celeron® processors 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.
- 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	885342	00735858189941	OEM 10-pack of Intel® Server Board S3000PT (HORIZONTAL POWER CONNECTOR) 4 DDR2 DIMMS, two SATA Ports, 6' x 13" form factor. RoHS Compliant and Pb-free 2nd level interconnect.	10

BPTVBB	885343	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	885344	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*	TBD	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). http://www.evercase.com	Mark Lin	(408) 894-9003 x110 California, USA
AVC	M0740M000C (heat sink) A209000043 (back plate)	1U Passive Heatsink for use with Intel® Server Board S3000PT in Evercase reference chassis	Raichel raichel_hsi@avc.com.tw	886-2-2299-6930*7630

E. Intel Accessories and Spares – Order Codes

Optional Accessories for S3000PT board

Product Code	MM#	UPC	Description	Qty Per
AXXBKHS	865877	n/a	Intel 1U passive heatsink	1

Note: The AXXBKHS 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