# Intel® Entry Server Board SE7230CA1-E Spares/Parts List and Configuration Guide – for Production Products

**A reference guide to assist customers in ordering the Intel® Entry Server Board SE7230CA1-E**

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# A. Product Description

## SE7230CA1-E Board Description

Two SE7230CA1-E Board SKUs are available; the BCAVBB and the BCAHBB. The boards are identical with the exception of the power connector. BCAVBB features an 18-pin vertical power connector that allows short depth chassis configurations. The BCAHBB features a flanged horizontal power connector that enables blind mating of the board into a corresponding power plug.

**Listed below are the *common features* for both the BCAVBB and BCAHBB SKUs**

- Intel® E7230 Chipset with ICH7R I/O Controller hub
- Support for DDR2 memory (533/667, un-buffered ECC or non-ECC)
- Support for the Intel® Pentium® D Processor in the LGA-775 socket
- Dual integrated Intel GbE Ethernet Controllers
    - Intel® 82573E Ethernet Controller and Intel® 82541PI Ethernet Controller
- Integrated 2-port 3.0Gb SATA – with support for RAID levels 0, 1
- Small form factor 18 pin power connector (horizontal or vertical orientation depending on SKU)

# B. SE7230CA1-E – Production Order Codes

## SE7230CA1-E Board SKUs

| Product Code | MM# | UPC | Description | Qty Per |
|---|---|---|---|---|
| BCAHBB | 882718 | 00735858184496 | OEM 10-pack of Intel® Server Board SE7230CA1 (horizontal power connector) 4 DDR2 DIMM connectors, Two SATA Ports, 6’ x 13” form factor. RoHS Compliant. | 10 |
| BCAVBB | 882773 | 00735858184502 | OEM 10-pack of Intel® Server Board SE7230CA1 (vertical power connector) 4 DDR2 DIMM connectors, Two SATA Ports, 6’ x 13” form factor. RoHS Compliant. | 10 |

# 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-CRT | 1U rack-mount chassis with support for two Intel® SE7230CA1-E Server Boards, two fixed SATA HDD's (one per board), and two dedicated high efficiency power supplies (one per board).<br><br>http://www.evercase.com/newsite/2product/r9134.htm | Mark Lin | 408-894-9003 x110 |
| Cooljag* | OAK-B | 1U Passive Heatsink for use in Evercase reference chassis<br><br>http://www.cooljagusa.com/1uOAK-B.html | Jenny Song | 510-824-0888 |

# E. Accessories and Spares – Order Codes

## Optional Accessories for SE7230CA1-E 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 SE7230CA1 board. 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**