



**Solaris\* Testing Services**  
**Enterprise Platforms and Services Division**

**Intel<sup>®</sup> Server Board S5500BC**

**Intel<sup>®</sup> Server System SC5650DP**

**Intel<sup>®</sup> Server System SC5650BRP**

**Intel<sup>®</sup> Server System SR1630BC**

---

## **Server Test Submission (STS) Report**

**For Solaris\* Operating System Certification**

**Rev [1.0]**

**[May 22th, 2009]**

This report describes the Intel<sup>®</sup> Server Board S5500BC Solaris\* Operating System Certification test run conducted by Intel Enterprise Platforms and Services Division (EPSD). The -NR designation in the product name indicates that this certification applies to non-RAID configuration.

**Purpose of this submission:**

First time system submission for the Solaris\* Operating System Certification for the Intel<sup>®</sup> Server Board S5500BC.

Submission Type:	Reason for test run	Check one
First Time Submission	Initial Solaris* Operating System Certification submission. New product submission.	<input checked="" type="checkbox"/>
System Update	Hardware update. (For example, update submission test run with new processor speeds).	<input type="checkbox"/>
BIOS Update	BIOS and/or firmware update. (For example, update submission test run with new BIOS to support additional processor speeds).	<input type="checkbox"/>
OS Update	OS update. (For example, update submission test run to add new version of Solaris* Linux to product).	<input type="checkbox"/>

## Revision History and Disclaimers

---

Revision	Date	Comments
1.0	04/09/2009	Internal release STS Report for Solaris* Operating System Certification Submission for the Intel® Server Board S5500BC.

THIS TEST REPORT IS PROVIDED "AS IS" WITH NO WARRANTIES WHATSOEVER, INCLUDING ANY WARRANTY OF MERCHANTABILITY, NONINFRINGEMENT FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY WARRANTY OTHERWISE ARISING OUT OF ANY PROPOSAL, SPECIFICATION OR SAMPLE.

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 or by the sale of Intel products. 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, or life sustaining applications.

Intel retains the right to make changes to its test specifications at any time, without notice.

The hardware vendor remains solely responsible for the design, sale and functionality of its product, including any liability arising from product infringement or product warranty.

Intel, Pentium, Itanium and Xeon 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 © 2009, Intel Corporation. All rights reserved.

# Contents

---

<b>Revision History and Disclaimers.....</b>	<b>2</b>
<b>Introduction .....</b>	<b>4</b>
Overview of Contents .....	4
Terms and Definitions.....	4
<b>Server Board Submission Information.....</b>	<b>5</b>
Intel Server Board Submission Report: Completion of WLP .....	5
Submission Information .....	5
Submission ID.....	5
Submission Type .....	5
Product Category.....	5
Product Detail .....	5
General Product Information .....	5
Server Board Configuration Information.....	6
Processor.....	6
System Memory .....	6
BIOS.....	6
<b>Appendix A – Submission History.....</b>	<b>7</b>

# Introduction

---

This report provides an overview of the testing conducted on the Intel® Server Board S5500BC by Intel EPSD and provides details about this testing run.

## Overview of Contents

Section	Content
Introduction	Briefly describes the sections in the report and lists relevant terms and definitions.
Server Product Submission Information	Submission information and configuration information.

## Terms and Definitions

Term	Definitions
EPSD	Enterprise Platforms and Services Division
STS	Server Test Submission Report published by EPSD

## Server Board Submission Information

---

### Intel Server Board Submission Report: Completion of WLP

Data in this section reflects system submission information at the time of the Solaris\* Operating System Certification submission.

### Submission Information

Submission ID		
Submission ID	31929	
Submission Type		
	Check Submission Type	Comments
First-Time Hardware and Driver Test Submission	<input checked="" type="checkbox"/>	
System Update Test Submission	<input type="checkbox"/>	
Product Category		
Hardware Category	PC System or Server	
Operating System family	Solaris* Operating System	
Product Detail		
General Product Information		
Equipment Type	Server	
Primary Target Market	Business/Corporate	
Compliance	All applicable requirements	

## Server Board Configuration Information

Processor	
Quantity	2
Front Side Bus Speed / QPI	6.40 GT/s (Gigatransfers per sec)
Family/Model	Intel® Xeon Processor 5500 series
Speed	1.86, 2.00, 2.13, 2.26, 2.53, 2.66, 2.80, and 2.93 GHz
System Memory	
Amount Installed	16 GB
Memory Type	DDR3, 1333MHz, ECC RDIMM
Server Board Product	
Board PBA	E25124-404
Board Manufacturer	Intel Corporation
Board Model	Intel® Server Board S5500BC
North Bridge Chipset Manufacturer	Intel Corporation
North Bridge Chipset Model	Intel® 5500 Chipset IOH
South Bridge Chipset Manufacturer	Intel Corporation
South Bridge Chipset Model	Intel® 82801 Jx I/O Controller (ICH10R)
BIOS	
BIOS Manufacturer	AMI*
BIOS Version	S5500.86B.01.00.0036.041020091444
BIOS Date	04/10/2009
BIOS URL (For Updates)	<a href="http://support.intel.com/support/motherboards/server/S5500BC">http://support.intel.com/support/motherboards/server/S5500BC</a>

## Appendix A – Submission History

---

Solaris\* Operating System Certification submission history for the Intel® Server Board S5500BC:

Submission ID	Type	Date	OS Qualified	Processor Speeds	Board Revision	BIOS Version
31929	First Time	[05/22/2009]	Solaris* Operating System 10 U7	[1.60, 1.86, 2.00, 2.33, 2.66, and 3.00] GHz	-404	S5500.86B.01.00.0036.041020091444 04/10/2009