



**Red Hat\* Testing Services**  
**Enterprise Platforms and Services Division**

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

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

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

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

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

**For Red Hat\* Enterprise Linux Certification**

**Rev [1.0]**

**[April 9th, 2009]**

This report describes the Intel<sup>®</sup> Server Board S5500BC Red Hat\* Enterprise Linux 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 Red Hat\* Enterprise Linux Certification for the Intel<sup>®</sup> Server Board S5500BC.

Submission Type:	Reason for test run	Check one
First Time Submission	Initial Red Hat* Enterprise Linux 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 Red Hat* Linux to product).	<input type="checkbox"/>

## Revision History and Disclaimers

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Revision	Date	Comments
1.0	04/09/2009	Internal release STS Report for Red Hat* Enterprise Linux Certification Submission for the Intel® Server Board S5500BC.

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# Introduction

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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

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

Data in this section reflects system submission information at the time of the Red Hat\* Enterprise Linux Certification submission.

### Submission Information

Submission ID		
Submission ID	492987	
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	Red Hat* Enterprise Linux	
Product Detail		
General Product Information		
Equipment Type	Server	
Primary Target Market	Business/Corporate	
Compliance	All applicable requirements	

## Server Board Configuration Information

<b>Processor</b>	
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
<b>System Memory</b>	
Amount Installed	16 GB
Memory Type	DDR3, 1333MHz, ECC RDIMM
<b>Server Board Product</b>	
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)
<b>BIOS</b>	
BIOS Manufacturer	AMI*
BIOS Version	S5500.86B.01.00.0033.03062009
BIOS Date	3/6/2009
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

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Red Hat\* Enterprise Linux Certification submission history for the Intel® Server Board S5500BC:

Submission ID	Type	Date	OS Qualified	Processor Speeds	Board Revision	BIOS Version
492987	First Time	[04/09/2009]	Red Hat* Enterprise Linux 5 U3	[1.60, 1.86, 2.00, 2.33, 2.66, and 3.00] GHz	-404	S5500.86B.01.00.0033.03062009 03/06/2009