



Red Hat\* Testing Services

Enterprise Platforms and Services Division

Intel<sup>®</sup> Server Board S5500WB

Intel<sup>®</sup> Server System SR1690WB

Intel<sup>®</sup> Server System SR1695WB

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## Server Test Submission (STS) Report

For Red Hat\* Enterprise Linux Certification

Rev 1.0

Apr 22<sup>th</sup>, 2011

This report describes the Intel<sup>®</sup> Server Board S5500WB Red Hat\* Enterprise Linux 6 Certification test run conducted by Intel Enterprise Platforms and Services Division (EPSD).

**Purpose of this submission:**

First time system submission for the Red Hat\* Enterprise Linux 6 Certification.

| 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* Enterprise Linux to product).             | <input type="checkbox"/>            |

# Revision History and Disclaimers

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| Revision | Date      | Comments   |
|----------|-----------|--|
| 1.0      | 4/22/2011 | Internal release STS Report for Red Hat* Enterprise Linux 6 Certification Submission for the Intel® Server Board S5500WB |
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|          |           |  |

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# Contents

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|  |          |
|--|----------|
| <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

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This report provides an overview of the testing conducted on the Intel® Server Board S5500WB 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 EPSP |

# 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 6 Certification submission.

### Submission Information

| Submission ID                                  |                                     |          |
|--|-------------------------------------|----------|
| Submission ID                                  | 693980                              |          |
| 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                              | Server                              |          |
| Operating System family                        | Red Hat* Enterprise Linux 6         |          |
| 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 5600 series  |
| Speed                             | 1.86,2, 2.13,2.66, 2.40, 2.53, 2.66, 2.80, 2.93 and 3.06 GHz  |
| System Memory                     |   |
| Amount Installed                  | 32 GB   |
| Memory Type                       | DDR3  |
| Server Board Product              |   |
| Board PBA                         | E48472-310  |
| Board Manufacturer                | Intel Corporation   |
| Board Model                       | Intel® Server Board S5500WB   |
| 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.01.00.0057.031020111721   |
| BIOS Date                         | 3/10/2011   |
| BIOS URL (For Updates)            | <a href="http://support.intel.com/support/motherboards/server/s5500wb">http://support.intel.com/support/motherboards/server/s5500wb</a> |

## Appendix A – Submission History

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Red Hat\* Enterprise Linux 6 Certification submission history for the Intel® Server Board S5500WB:

| Submission ID | Type       | Date      | OS Qualified                | Processor Speeds   | Board Revision | BIOS Version                      |
|---------------|------------|-----------|-----------------------------|--|----------------|-----------------------------------|
| 693980        | First Time | 4/22/2011 | Red Hat* Enterprise Linux 6 | 1.86,2, 2.13,2.66, 2.40, 2.53, 2.66, 2.80, 2.93 and 3.06 GHz | 310            | S5500.86B.01.00.0057.031020111721 |