



Novell* SuSE* Testing Services
Enterprise Platforms and Services Division

Intel® Server Board

S5500BC

Server Test Submission (STS) Report

For Novell* SuSE* Linux Certification

Rev 1.0

May 1st, 2009

This report describes the Intel® Server Board S5500BC Novell* SuSE* 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 Novell* SuSE* Linux Certification for the Intel® Server Board S5500BC.

| Submission Type: | Reason for test run | Check one |
|-------------------------|--|-------------------------------------|
| First Time Submission | Initial Novell* SuSE* 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 Novell* SuSE* Linux to product). | <input type="checkbox"/> |

Revision History and Disclaimers

| Revision | Date | Comments |
|----------|------------|---|
| 1.0 | 05/01/2009 | Internal release STS Report for Novell* SuSE* Linux Certification Submission for the Intel® Server Board S5500BC. |
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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 Novell* SuSE* Linux Certification submission.

Submission Information

| Submission ID | | |
|--|--|----------|
| Submission ID | [125092], [125093], [125094] | |
| 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 | Novell* SuSE* Linux Enterprise Server 11 | |
| 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.01.00.0036.04102009 |
| BIOS Date | April 10, 2009 |
| BIOS URL (For Updates) | http://support.intel.com/support/motherboards/server/S5500BC |

Appendix A – Submission History

Novell* SuSE* Linux Certification submission history for the Intel® Server Board S5500BC:

| Submission ID | Type | Date | OS Qualified | Processor Speeds | Board Revision | BIOS Version |
|----------------------------------|------------|--------------|--|--|----------------|-------------------------------|
| [125092] [125093] [125094] | First Time | [05/01/2009] | Novell* SuSE* Linux Enterprise Server 11 | [1.60, 1.86, 2.00, 2.33, 2.66, and 3.00] GHz | [-404] | S5500.86B.01.00.0036.04102009 |