Red Hat* Testing Services

Enterprise Platforms and Services Division

Intel® Server Board S5500BC

Intel® Server Chassis SC5650DP

Intel® Server Chassis SC5650BRP

Intel® Server System SR1630BC

Server Test Submission (STS) Report

For Red Hat* Enterprise Linux Certification

Rev [1.0]

[April 9th, 2009]

This report describes the Intel® 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® Server Board S5500BC.

Submission Type:	Reason for test run	Check one
First Time Submission	Initial Red Hat* Enterprise Linux Certification submission. New product submission.	☑
System Update	Hardware update. (For example, update submission test run with new processor speeds).	☐
BIOS Update	BIOS and/or firmware update. (For example, update submission test run with new BIOS to support additional processor speeds).	☐
OS Update	OS update. (For example, update submission test run to add new version of Red Hat* Linux to product).	☐

Revision History and Disclaimers

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.

Contents

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 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	☑	
System Update Test Submission	☐	

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

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 (ICHI0R)
BIOS	
BIOS Manufacturer	AMI*
BIOS Version	S5500.86B.01.00.0033.03062009
BIOS Date	3/6/2009
BIOS URL (For Updates)	http://support.intel.com/support/motherboards/server/S5500BC

Appendix A – Submission History

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