



Server WHQL Testing Services
Enterprise Platforms and Services Division (EPSD)
Intel[®] Server Board S1200BTS

Server Test Submission (STS) Report
For the Microsoft Windows* Logo Program (WLP)

Rev. 1.0

Jan. 06, 2013

This report describes the Intel[®] Server Board S1200BTS Windows* Logo Program test run conducted by Intel Enterprise Platforms and Services Division (EPSD).

Purpose of this WLP Submission:

System First Time submission for the Microsoft Designed for Windows* Logo submission for the Intel[®] Server Board S1200BTS in None RAID configuration.

Microsoft Windows Server 2012 family, x64 Submission Logo ID: 1554317

Submission Type:	Reason for test run	Check one
First Time Submission	Initial Microsoft* Designed for Windows* logo submission. New product submission.	<input 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 Microsoft Designed for Windows Server 2012 family, x64 logo to product.)	<input checked="" type="checkbox"/>

Revision History and Disclaimers

Revision History		
Revision	Date	Comments
1.0	01/06/2013	First submission of the STS Report for Microsoft Windows Server 2012 family, x64 submission for Intel® Server Board S1200BTS configured in None RAID mode.

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 © 2013, Intel Corporation. All rights reserved.

Contents

- Revision History and Disclaimers2**
- Introduction4**
 - Overview of Contents.....4
 - Terms and Definitions4
- Server Board Submission Information5**
 - Intel Server Board Submission Report: Completion of WLP5
 - Submission Information.....5
 - Submission ID5
 - Submission Type.....5
 - Product Category5
 - Product Detail.....5
 - General Product Information5
 - Characterization (optional)5
 - Server Board Configuration Information6
 - Processor6
 - System Memory6
 - Power Management6
 - BIOS6
 - Bus Types7
 - Integrated Components7
 - Onboard Integrated Devices and Drivers7
 - Product Data for HCL: Completion of WLP8
 - Product Data8
- Hardware Compatibility Tests Used9**
- Errata and Contingencies 10**
 - Submission Readme File 10
 - Testing Exceptions for S1200BTS Microsoft Windows Server 2012 family, x64 11
- Appendix A – Submission History..... 12**

Introduction

This report provides an overview of the testing conducted on the Intel® Server Board S1200BTS by Intel® EPSD and provides details about this testing run.

Overview of Contents

Section	Content
Introduction	Brief descriptions of the sections in the report. Table listing terms and definitions.
Server Product Submission Information	Submission information, ID # and final server board configuration upon completion of WLP including HW, Driver version, BIOS version, and Board AA number
DTM	All DTM tests used during testing
Errata and Contingencies	All Microsoft* errata or contingencies used during testing

Terms and Definitions

Term	Definitions
EPSD	Enterprise Platforms and Services Division (EPSD)
HCL	Windows Hardware Compatibility List*. Changed to Windows Server Catalogue*. You can view the catalogue at: https://sysdev.microsoft.com/zh-CN/Hardware/lpl/
DTM	Driver Test manager. For latest Server DTM tests visit: http://msdn.microsoft.com/en-us/library/windows/hardware/gg487533
STS	Server Test Submission Report published by EPSPD
WHQL	Windows Hardware Qualification Lab*. For more information visit the WHDC home page at: http://www.microsoft.com/whdc/whql/default.aspx
WLP	Windows Logo Program*. For further information see: http://www.microsoft.com/whdc/winlogo/default.aspx
WTS	Workstation Test Submission Report published by EPSPD.

Server Board Submission Information

Intel Server Board Submission Report: Completion of WLP

Data in this section reflects system submission information at the time of WLP Update submission.

Submission Information

Submission ID		
Submission ID / Master ID	1554317	
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	Microsoft Windows Server 2012 family, x64	
Product Detail		
General Product Information		
Equipment Type	Server	
Primary Target Market	Business/Corporate	
Compliance	All applicable requirements	
Characterization (optional)		
	Check appropriate options	Comments
Web Server	<input checked="" type="checkbox"/>	
SQL Database Server	<input checked="" type="checkbox"/>	
File Server	<input checked="" type="checkbox"/>	

Server Board Configuration Information

Processor	
Quantity	1
Front Side Bus Speed	5 GT/s (Giga transfers per sec)
Family/Model	Intel [®] Xeon Processor E3 v2 series
Speed	2.3, 2.5, 3.1, 3.2, 3.3, 3.4, 3.5 and 3.6 GHz
System Memory	
Amount Installed	32 GB
Memory Type	DDR3
Power Management	
ACPI Sleep States (S1, S2, S3, S4)	S1
Server Board Product	
System uses logo'd motherboard	NO (Server boards are <u>NOT</u> eligible for logo under the Microsoft* Motherboard logo program)
Board AA #/Fab	PBA E98683-351
Board Manufacturer	Intel Corporation
Board Model	Intel [®] Server Board S1200BTS
Northbridge* Chipset Manufacturer	N/A
Northbridge Chipset Model	N/A
Southbridge* Chipset Manufacturer	Intel Corporation
Southbridge Chipset Model	Intel [®] C202PCH
BIOS	
BIOS Manufacturer	Intel Corporation
BIOS Version	S1200BT.86B.02.00.0040.092620121113
BIOS Date	Sept 26, 2012
BIOS URL (For Updates)	http://downloadcenter.intel.com/Detail_Desc.aspx?agr=Y&DwnldID=22085&lang=eng&wapkw=s1200bts

Bus Types			
	Check all that Apply		Check all that Apply
PS/2	<input type="checkbox"/>	AGP*	<input type="checkbox"/>
1394	<input type="checkbox"/>	PCCard* (16-bit)	<input type="checkbox"/>
CF (Compact Flash)	<input type="checkbox"/>	CardBus* (32-bit)	<input type="checkbox"/>
PCI	<input checked="" type="checkbox"/>	USB	<input type="checkbox"/>
Mini-PCI	<input type="checkbox"/>	USB 2.0	<input checked="" type="checkbox"/>
AMR	<input type="checkbox"/>	InfiniBand*	<input type="checkbox"/>
ACR	<input type="checkbox"/>	Bluetooth*	<input type="checkbox"/>
COM (Serial)	<input checked="" type="checkbox"/>	PCI Express*	<input checked="" type="checkbox"/>
Integrated Components			
	Check all that Apply		Check all that Apply
Audio	<input type="checkbox"/>	Display	<input checked="" type="checkbox"/>
IDE	<input type="checkbox"/>	Networking	<input checked="" type="checkbox"/>
SCSI	<input type="checkbox"/>	RAID	<input checked="" type="checkbox"/>
Modem	<input type="checkbox"/>	Bluetooth*	<input type="checkbox"/>

Onboard Integrated Devices and Drivers

Data in this section reflects system configuration at the time of WLP submission. The latest drivers for the Intel® Server Board S1200BTS are available for download at:

<http://downloadcenter.intel.com/SearchResult.aspx?lang=eng&ProductFamily=Server+Products&ProductLine=Intel%C2%AE+Server+Boards&Product=Intel%C2%AE+Server+Board+S1200BT>

Technology	OS	Version
Intel® C602 -A chipset	Microsoft Windows Server 2012 family, x64	9.3.0.1025
Intel® I350	Microsoft Windows Server 2012 family, x64	v17.2_rev1
Matrox* G200 2D Video Graphics controller	Microsoft Windows Server 2012 family, x64	OS Embedded

Product Data for HCL: Completion of WLP

Data in this section reflects product data for HCL at time of WLP submission.

Product Data		
Product Name	Intel® Server Board S1200BTS	
Supported Platforms		
	Check Tested	Comments
Windows Server 2003* family	<input type="checkbox"/>	
Windows Server 2003* x64 family	<input type="checkbox"/>	
Windows Server 2008* family	<input type="checkbox"/>	
Windows Server 2008* R2 x64 family	<input type="checkbox"/>	
Microsoft Windows Server 2012 family, x64	<input checked="" type="checkbox"/>	

Hardware Compatibility Tests Used

Microsoft Windows Hardware and Driver Central* Server Testing Home Page:
<http://msdn.microsoft.com/en-us/library/windows/hardware/gg487533>

Please check this website regularly for test kit updates.

Operating Systems	Notes	Hardware Compatibility Tests (HCT)
Microsoft Windows Server 2012 family, x64		WHCK 2.0.9200
	Logo'd Components Index Full Install	Logo'd Components Index Full Install

Errata and Contingencies

Microsoft* System DTM Errata list is available at:

<https://sysdev.microsoft.com/zh-CN/Hardware/EC/>

Operating System	Identification Number	Title
Microsoft Windows Server 2012 family, x64	N/A	See Testing Exceptions section below.

Submission Readme File

Effective May 1, 2002, the new Microsoft* standardized Readme form will be required for all hardware submissions that include any of the following testing exceptions:

- Test failures
- Tests not run
- Missing test logs
- Inconclusive test results

All testing exceptions must be identified with a valid Errata ID, Incident ID, or Contingency ID provided by WHQL. The new Microsoft* standardized Readme file is available for download at:

<http://www.microsoft.com/whdc/winlogo/WLK/default.aspx>.

Testing Exceptions for S1200BTS Microsoft Windows Server 2012 family, x64

Data in this section reflects product data and test exceptions listed in section 2 of the S1200BTS Readme file at time of WLP First-Time submission ID Number 1554317.

Operating system (Windows XP*, Windows 2000*, and so on)	Failure type (Contingency, Errata, Incident)	ID number
Microsoft Windows Server 2012 family, x64		
Failing test name		
Applicable error message (Type N/A if the error message or failing text is excessive or if there is no text)	N/A	
Additional information (for example, test system in a multiple system configuration)	No errata included with this submission.	

Appendix A – Submission History

Microsoft Designed for Windows* logo submission history for the Intel® Server Board S1200BTS

Submission ID	Type	Date	OS Qualified	Processor Speeds	Board Revision	BIOS Version
1554317	First-Time	01/06/2013	Microsoft Windows Server 2012 family, x64;	2.3, 2.5, 3.1, 3.2, 3.3, 3.4, 3.5 and 3.6 GHz	351	S1200BT.86B.02.00.0040.092620121113