



Previously Logo'd Motherboard Program (PMLP)

# Intel® Desktop Board

## D2500HN

---

# PMLP Report

1/12/2012

**Purpose:**

This report describes the Board D2500HN Previously Logo'd Motherboard Program testing run conducted by Intel Corporation.

THIS TEST REPORT IS PROVIDED "AS IS" WITH NO WARRANTIES WHATSOEVER, INCLUDING ANY WARRANTY OF MERCHANTABILITY, 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 estoppels 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® Core™ i7 and Intel® are trademarks of Intel Corporation in the U.S. and other countries.

\*Other names and brands may be claimed as the property of others

Copyright © 2009, Intel Corporation. All rights reserved.

# Contents

---

<b>Introduction</b> .....	<b>4</b>
Terms and Definitions.....	4
<b>Desktop Board Configuration</b> .....	<b>5</b>
Desktop Board D2500HN Configuration Report: Completion of PMLP .....	5
Board Information.....	5
Onboard Integrated/Add-in Devices and Driver for Windows 7 32-bit .....	5
Windows Logo Kits Used (WLK) .....	6
Errata and Contingencies .....	7
Test Notes .....	8

# Introduction

---

## Terms and Definitions

Term	Definitions
WHQL	Windows* Hardware Qualification Lab
WLK	Windows Logo Kits
PMLP	Previously Logo'd Motherboard Program. For further information see: <a href="http://www.microsoft.com/whdc/hwtest/default.msp">http://www.microsoft.com/whdc/hwtest/default.msp</a>
AP Machine	Audio Precision Machine
Winqual	Windows Qualification
MSFT Tested Product List	Tested Products List. You can view the Windows Marketplace for tested products list at: <a href="http://winqual.microsoft.com/HCL/ProductList.aspx?m=v&amp;cid=105&amp;q=s">http://winqual.microsoft.com/HCL/ProductList.aspx?m=v&amp;cid=105&amp;q=s</a>

# Desktop Board Configuration

## Desktop Board D2500HN Configuration Report: Completion of PMLP

Data in this section reflects system configuration at time of PMLP submission.

### Board Information

Product Code <sup>1</sup>	BIOS String/Model	Technologies NOT Logo'd (yet)
D2500HN	MUCDT10N.86A.0067.2011.1227.1232	N/A - all technologies logo'd
Processor		
Speed	1.86GHz	
Family	Intel® Atom CPU D2500	
Bus Speed	1333 MHz	
Motherboard		
Board AA #	G34776	
Board FAB #	300	
* This report applies to the production FAB revision; Please consult your Intel Corporation representative to clarify the motherboard revision you intend to perform logo testing if not the same.		
System Memory		
Speed	Dual Channel, DDR3, 1333MHz	
Memory Type	DIMM	
Connector Type	DDR3, 240 Pin	
Power Management		
BIOS Default	S3	
Operating System Tested		
	Check Tested	Comments
Windows 7 32	<input checked="" type="checkbox"/>	Windows 7 Home Premium with Service Pack 1

### Onboard Integrated/Add-in Devices and Driver for Windows 7 32-bit

Technology	OS	Version	Package version
<b>Chipset Update Utility</b> Intel® Chipset Software Utility	Windows 7	9.2.2.1034	9.2.2.1034
<b>On-board Graphic</b> Intel® GMA 3600 series	Windows 7	8.14.8.1064	8.14.8.1064

<sup>1</sup> These are the product names to enter in the "Submission ID of previously logo'd qualified PC system or server" field during your "System Using a Previously Logo'd Motherboard" submission to Microsoft.

<b>On-board Audio</b> Realtek High Definition Audio	<b>Windows 7</b>	6.0.1.6526	6526
<b>LAN</b> Intel 82574L Gigabit Network Connection	<b>Windows 7</b>	11.14.48.0	11.14.48.0
<b>IRST</b>	<b>Windows 7</b>	10.1.0.1008	10.1.0.1008

## Windows Logo Kits Used (WLK)

Microsoft website: <http://www.microsoft.com/whdc/DevTools/WDK/DTM.mspx>

Please check regularly for test kit updates from Microsoft. Please ensure latest filters updated prior to WHQL run.

Operating Systems	Notes	WHQL Testkit
Windows 7	<a href="#">WLK1.6 for Windows 7 SP1</a>	<a href="#">WLK1.6 for Windows 7 SP1</a>

## Errata and Contingencies

Operating System	Failing Test	Expiry Date	ID Number	Type	Error Description
windows 7	Win7: UAA Test - Win7 (System)	06/01/2015	513	Erratum	<p>Issue Description:</p> <p>UAA Test requires the Traffic Priority bit to be read/write - however there are two specs that apply, and they conflict. One says the bit must be read/write, the other says it must be read-only. Contact has been made with the author of both specs (Intel) but until this point is clarified we cannot fail submissions containing this test failure.</p>
windows 7	Win7:Class Driver AC3 Test - Win7 (System)	06/30/2025	1256	Erratum	<p>Issue Description:</p> <p>Run AC3 test on a system with the Microsoft HD Audio class driver installed. Expected results: All AC3 kernel streaming Data ranges should advertise MinimumBitsPerSample = 16 and MaximumBitsPerSample = 16. Actual results: HD Audio class driver sometimes advertises MaximumBitsPerSample = 24.</p>

## Test Notes

Operating System	Test	Description
Windows 7	BIOS download	Internal: <a href="http://bios.intel.com/downloads/">http://bios.intel.com/downloads/</a> External: <a href="http://www.intel.com/">http://www.intel.com/</a> click on Support and Download
Windows 7	BIOS setup	Please make sure the BIOS setting are as below, otherwise use default settings.  System Date and Time: Current date and time Others: BIOS default setting
Windows 7 filter update	WLK WHQL test	<a href="http://winqual.microsoft.com/member/SubmissionWizard/LegalExemptions/filterupdates.cab">http://winqual.microsoft.com/member/SubmissionWizard/LegalExemptions/filterupdates.cab</a>
Special H/W that use to PASS the test	None	None