



Previously Logo'd Motherboard Program (PLMP)

Intel® Desktop Board

DZ68ZV

PLMP Report

Purpose:

This report describes the Board DZ68ZV Previously Logo'd Motherboard Program testing run conducted by Intel Corporation.

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Introduction

Terms and Definitions

Term	Definitions
WHQL	Windows* Hardware Qualification Lab
WLK	Windows Logo Kits
PLMP	Previously Logo'd Motherboard Program. For further information see: http://www.microsoft.com/whdc/hwtest/default.msp
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: http://winqual.microsoft.com/HCL/ProductList.aspx?m=v&cid=105&q=s

Desktop Board Configuration

Desktop Board DZ68ZV Configuration Report: Completion of PLMP

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

Board Information

Product Code ¹	BIOS String/Model	Technologies NOT Logo'd (yet)
DZ68ZV	BGP6710J.86A.2062.2011.0914.0207	N/A - all technologies logo'd
Processor		
Speed	3.4GHz	
Family	Intel® Core i7 2600	
Bus Speed	1333 MHz	
Motherboard		
Board AA #	G41861	
Board FAB #	301	
* 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 and 64-bit	<input checked="" type="checkbox"/>	Windows 7 Ultimate with Service Pack 1

¹ 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.

Onboard Integrated/Add-in Devices and Driver for Windows 7 32-bit and 64-bit

Technology	OS	Version	Package version
Chipset Update Utility Intel® Chipset Software Utility	Windows 7	9.2.0.1030	9.2.0.1030
	Windows Vista 64-bit	9.2.0.1030	9.2.0.1030
Add-in GFX NVIDIA 9800GT	Windows Vista	8.17.12.8026	280.26
	Windows Vista 64-bit	8.17.12.8026	280.26
On-board Audio Realtek High Definition Audio	Windows Vista	6.0.1.6410	6.0.1.6410
	Windows Vista 64-bit	6.0.1.6410	6.0.1.6410
LAN Intel 82579LM Gigabit Network Connection	Windows Vista	11.13.51.0	11.13.51.0
	Windows Vista 64-bit	11.13.51.0	11.13.51.0
ME Intel Management Engine Interface	Windows Vista	7.0.0.1144	7.0.0.1144
	Windows Vista 64-bit	7.0.0.1144	7.0.0.1144
IRST	Windows Vista	10.0.0.1008	10.0.0.1008
	Windows Vista 64-bit	10.0.0.1008	10.0.0.1008
Add-in PCI-X1 Foxconn PCI-E 71999 DVB-T-HYBRID LF(TV Tuner card) TVT10	Windows Vista	1.44.27253.0	1.44.27253.0
	Windows Vista 64-bit	1.44.27253.0	1.44.27253.0

Windows Logo Kits Used (WLK)

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

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 Windows 7 64-bit	WLK1.6 for Windows 7 SP1	WLK1.6 for Windows 7 SP1

Errata and Contingencies

Operating System	Failing Test	Expiry Date	ID Number	Type	Error Description
windows 7	Win7: PCI Hardware Compliance Test For Systems	12/01/2012	401	Erratum	<p>Issue Description: The following PCI Compliance test failure is acceptable: Bit 15 (Bridge Configuration Retry Enable) in the Device Control register (offset 8h) in the PCI Express Capability table must be read-only and always return 0 as it is reserved for devices other than PCI Express to PCI/PCI-X Bridges. Assertion 13A41D3E-2576-41DC-A67C-525DA3637CEA This failure is acceptable because this is a PCIe 1.1 feature and the WLP requires compliance with only PCIe 1.0a.</p> <p>Issue Description: Data Link Layer Link Active Reporting Capable bit is set but Data Link Layer Link Active is not.</p> <p>Issue Description: Bit range 15:0 (Extended Capability ID) in the Enhanced Capability Header register (offset 0h) in the Unrecognized Enhanced Capability ID 13 table is Dh. It must be in the range [0x0 - 0xB] as all other Capability IDs are reserved.</p>
windows 7 - 64bit			1241		
			923		
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 - 64bit					
windows 7	Win7:Class Driver AC3 Test - Win7	06/30/2025	1256	Erratum	<p>Issue Description:</p>

<p>windows 7 - 64bit</p> <p>windows 7 - 64bit</p>	<p>(System)</p>			<p>Preview filter - Jack Detect Override on digital pin widgets Errata 1299 The HD Audio configuration default register (7.3.3.31 in the HD Audio specification) includes a "Jack Detect Override" flag that can be used to indicate that although a pin widget would normally be capable of jack detection, there is something about this particular system that causes this to be impossible. This was intended to be used, for example, for analog pin widgets that are connected to RCA jacks, which do not allow for impedance detection. Some digital pin widgets are using the Presence Detect pin sense response to indicate that a digital handshake has occurred - indeed, HDMI pins have entire DCNs built around this concept, and it applies equally well to S/PDIF pins. A digital converter that supports presence detection should be able to do so in any system, so the "Jack Detect Override" concept should not apply to digital pins.</p> <p>If a driver is found to be signed by Microsoft that is tested with the chklogo test, the message, ERROR: No Logo Level Attribute on file., is an invalid failure if followed by, This file has a 0 level Logo and followed by, Cannot match the device ID of the driver the device was test within an invidual assertion.</p>
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Test Notes

Operating System	Test	Description
Windows 7	BIOS download	Internal: http://bios.intel.com/downloads/ External: http://www.intel.com/ 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 Enhance Consumer IR: Enable Others: BIOS default setting
Windows 7 filter update	WLK WHQL test	http://winqual.microsoft.com/member/SubmissionWizard/LegalExemptions/filterupdates.cab
Special H/W that use to PASS the test	None	None