



Windows Hardware Certification (WHC)

Intel® Desktop Board

DH61DL

Desktop/Motherboard WHC Report

2/21/2013

Purpose:

This report describes the DH61DL Motherboard Logo Program testing run conducted by Intel Corporation.

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Introduction

Terms and Definitions

Term	Definitions
WHQL	Windows* Hardware Qualification Lab
WHCK	Windows Hardware Certification Kit
MLP	Motherboard Logo Program. For further information see: http://msdn.microsoft.com/en-us/windows/hardware/gg463010.aspx
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 DH61DL Final Configuration Report: Completion of WHC

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

Board Information

Product Code ¹	BIOS String/Model	Technologies NOT Logo'd (yet)
DH61DL	BEH6110H.86A.0111.2013.0123.1230	N/A - all technologies logo'd
Processor		
Speed	2.9GHz	
Family	Core i5 3475S	
Bus Speed	100 MHz	
Motherboard		
Board AA #	G14066	
Board FAB #	206 (eg. 10x for fab A, 20x for fab B and etc)	
* 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, 1600MHz	
Memory Type	DIMM	
Connector Type	DDR3, 240 Pin	
Power Management		
BIOS Default	S3	
Operating System Tested		
	Check Tested	Comments
Windows 8 64-bit	<input checked="" type="checkbox"/>	Windows 8 Professional
Windows 7 and 64-bit	<input type="checkbox"/>	Windows 7 Ultimate Service Pack 1
Windows Vista and 64-bit	<input type="checkbox"/>	Vista Ultimate with Service Pack 2
Windows Vista Basic and 64-bit	<input type="checkbox"/>	Vista Basic with Service Pack 2

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 Devices and Driver for Windows 8 64-bit

Technology	OS	Version	Package version
Chipset Update Utility Intel® Chipset Software Utility	Windows 8 64-bit	V9.3.0.1026	INF_allIOS_9.3.0.1026_PV
Graphics Intel® HD Graphics 4000	Windows 8 64-bit	V9.17.10.2932	GFX_Win8_64_9.17.10.2932_PV
Audio Realtek	Windows 8 64-bit	V6.0.1.6804	6804_PG362_Win8_Win7_Vista_XP
LAN Intel® 82579V Gigabit	Windows 8 64-bit	V12.2.45.0	LAN_Win8_12.2.45.0_PV
MEI Intel® Management Engine Interface	Windows 8 64-bit	V8.1.0.1263	MEI_1.5M_Win8_8.1.0.1265_PV
USB 3.0 Renesas USB 3.0 eXtensible Host Controller	Windows 8 64-bit	V6.2.9200.16384	MS In box Driver

Windows Hardware Certification Kit Used (WHCK)

Microsoft website: <http://msdn.microsoft.com/library/windows/hardware/hh833788>

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

Operating Systems	Notes	WHQL Testkit
Windows 8 64-bit	WHCK for Windows 8	WHCK for Windows 8

Errata and Contingencies

Operating System	Failing Test	Expiry Date	ID Number	Type	Error Description
Windows 8 64-bit	UAA Test (System)	7/1/2014	354	Contingency	The FIFO size for Input and Output Stream Descriptors should be read only

Test Notes

Operating System	Test	Description
Windows 8	BIOS download	Internal: http://bios.intel.com/downloads/ External: http://www.intel.com/ click on Support and Download
Windows 8	BIOS setup	Please make sure the BIOS setting are as below, otherwise use default settings. System Date and Time: Current date and time Peripheral Configuration: Enable all onboard component Drive Configuration: Set to AHCI Chipset Configuration: Enable HPET ACPI Suspend State: Set to <S3 State> Boot Device Priority: set <Hard Disk Driver> to first Note: Enhanced Consumer IR (CIR) component is not supported under Windows7.
Windows 8 filter update	WHCK WHQL test	https://sysdev.microsoft.com/member/SubmissionWizard/LegalExemptions/HCKFilterUpdates.cab
Special H/W that use to PASS the test	None	None