Intel® Desktop Board DG31GL

Windows Vista Basic Certified

Motherboard Logo Program (MLP) Report

4/1/2008

Purpose:

This report describes the DG31GL Motherboard Logo 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 Kit
MLP	Motherboard Logo Program. For further information see: http://www.microsoft.com/whdc/hwtest/default.mspx
AP	Audio Precision
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&g=s

Desktop Board Configuration

Desktop Board DG31GL Final Configuration Report: Completion of MLP

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

Board Information

Product Code[1]	BIOS String/Model	Technologies NOT Logo'd (yet)
DG31GL	GLG3110H.86A.0004.2008.0318.2223	N/A - all technologies logo'd
Processor		
Speed	2.83 GHz	
Family	Intel® Core 2 Quad Q9550	
Bus Speed	800 MHz	
Motherboard		
Board AA #	E33911	
Board FAB #	200	
* 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		
Total Memory Installed	4 GB	
Speed	667Mhz	
Memory Type	DIMM	
Connector Type	DDR2, 240 Pin	
Power Management		
BIOS Default	S3	
Operating System Tested		
	Check Tested	**Comments**
Windows XP Pro	☑	XP Pro with Service e Pack 2
Windows XP Pro 64-bit	☑	XP Pro with Service Pack 1
Windows Vista	☑	RTM Build 6000

Windows Vista 64-bit	☑	RTM Build 6000
Windows Vista Basic	□	RTM Build 6000
Windows Vista Basic 64-bit	□	RTM Build 6000

Onboard Integrated Devices and Drivers

Technology	OS	Version
Chipset Update Utility Intel® Chipset Software Utility	**Windows XP Pro**	8.4.0.1016
	Windows XP Pro 64-bit	8.4.0.1016
Graphics Intel® Graphics Media Accelerator	**Windows XP Pro**	6.14.10.4837
	Windows XP Pro 64-bit	6.14.10.4837
Audio Realtek	**Windows XP Pro**	5.10.0.5574
	Windows XP Pro 64-bit	5.10.0.5574
LAN Realtek	**Windows XP Pro**	8.0.47.0
	Windows XP Pro 64-bit	8.0.47.0

Technology	OS	Version
Chipset Update Utility Intel® Chipset Software Utility	**Windows Vista**	OS Native
	Windows Vista 64-bit	OS Native
Graphics Intel® Graphics Media Accelerator	**Windows Vista**	7.14.10.1329
	Windows Vista 64-bit	7.14.10.1329
Audio Realtek	**Windows Vista**	6.0.1.5574
	Windows Vista 64-bit	6.0.1.5574
LAN Realtek	**Windows Vista**	8.0.47.0
	Windows Vista 64-bit	8.0.47.0

Windows Logo Kit Used (WLK)

Microsoft website: http://www.microsoft.com/whdc/devtools/wdk/WDKpkg.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 XP Pro Windows XP Pro 64-bit	WLK for Windows XP SP2	WLK 1.1 for Windows XP SP2
Windows Vista Windows Vista 64-bit	WLK for Windows Vista SP1	WLK 1.1 for Windows Vista SP1

Errata / Contingency

Operating System	Failing Test	Expiry date	ID Number	Type	Error Description

Test Notes

Operating System	Test	Description
XP and Vista	BIOS download	Internal: http://bios.intel.com/downloads/ External: http://www.intel.com/ click on Support and Download
XP and Vista	BIOS setup	Please make sure the BIOS setting as below. System Date and Time: Current date and time Peripheral Configuration: Enable all onboard component Drive Configuration: Set to IDE Chipset Configuration: Enable HPET ACPI Suspend State: Set to <S3 State> Boot Device Priority: set <Hard Disk Driver> to first
XP and Vista Filter update	DTM WHQL test	http://winqual.microsoft.com/member/SubmissionWizard/LegalExemptions/filterupdates.cab
Special H/W,S/W, steps to PASS WLK WHQL test	Resstomp	Disabled HPET to pass this test under Windows XP. Microsoft confirmed that currently no Timer API supported under XP but Vista