



Driver and WHQL Engineering Services

Motherboard Logo Program (MLP)

Intel® Desktop Board

D975XBX

MLP Report

2/7/2006

Purpose:

This report describes the D975XBX Motherboard Logo Program testing run conducted by Intel® Driver and WHQL Engineering Services (DWES).

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Contents

- Introduction5**
 - Overview of Contents **Error! Bookmark not defined.**
 - Terms and Definitions..... 5
- Desktop Board Configuration6**
 - Desktop Board D975XBX Final Configuration Report: Completion of MLP 6
 - Board Information 6
 - Product 6
 - Processor 6
 - System Memory 6
 - BIOS..... **Error! Bookmark not defined.**
 - Power Management..... 6
 - Operating System Tested 6
 - Onboard Integrated Devices and Driver 7
 - Hardware Compatibility Tests Used (HCT) 7
 - Errata and Contingencies 8
 - Test Notes 8

Introduction

Terms and Definitions

Term	Definitions
WHQL	Windows* Hardware Qualification Lab
HCT	Hardware Compatibility Tests
MLP	Motherboard Logo Program. For further information see: http://www.microsoft.com/whdc/hwtest/default.mspx
HCL	Windows Hardware Compatibility List. You can view the HCL at: http://www.microsoft.com/hwdq/hcl/

Desktop Board Configuration

Desktop Board D975XBX 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)
D975XBX	BX97510J.86A.0212.1017.2005.1350	N/A - all technologies logo'd
Processor		
Speed	3.8 GHz	
Family	Pentium® 4	
Bus Speed	800 MHz	
Form Factor	LGA775	
Connector Type	LGA775 Socket	
System Memory		
Amount Installed	1024 MB	
Speed	Dual Channel, DDR2, 533	
Memory Type	DIMM	
Connector Type	DDR, 240 Pin	
Power Management		
BIOS Setting	S3	
Operating System Tested		
	Check Tested	Comments
Windows XP Pro	<input checked="" type="checkbox"/>	Service Pack 2
Windows XP Pro 64-bit	<input checked="" type="checkbox"/>	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 Devices and Driver

Technology	OS	Version
Chipset Update Utility Intel®	Windows XP Pro	7.0.0.19
	Windows XP Pro 64-bit	7.0.0.19
Graphics NVidia 5300	Windows XP Pro	6.14.10.4299
	Windows XP Pro 64-bit	6.14.10.4299
Audio Sigmatel	Windows XP Pro	5.10.4647.4
	Windows XP Pro 64-bit	5.10.4647.4
LAN Intel® PRO Network Connections	Windows XP Pro	9.2.24.0
	Windows XP Pro 64-bit	9.2.24.0
SATA/RAID Silicon Image	Windows XP Pro	1.2.3.1
	Windows XP Pro 64-bit	1.2.3.1
SATA/RAID Intel®	Windows XP Pro	5.1.0.1022
	Windows XP Pro 64-bit	5.1.0.10.22
USB 2.0 Intel®	Windows XP Pro	7.0.0.19
	Windows XP Pro 64-bit	7.0.0.19
IEEE1394b Texas Instruments	Windows XP Pro	N/A
	Windows XP Pro 64-bit	N/A
TPM ST Microelectronics	Windows XP Pro	1.0.0.9
	Windows XP Pro 64-bit	1.1.0.5

Hardware Compatibility Tests Used (HCT)

Microsoft website: <http://www.microsoft.com/whdc/hwtest/system/default.aspx?area=SysSrv-dsktp>. Please check regularly for test kit updates. Not responsible for broken links caused by changes to Microsoft's Web Site.

Operating Systems	Notes	HCT
Windows XP Pro Windows XP Pro 64-bit	HCT 12.1.01 for Windows XP SP2	HCT 12.1.01 Test Procedure and Readme Downloads

Errata and Contingencies

Operating System	Failing Test	ID Number	Type	Error Description
Windows XP Pro Windows XP Pro 64-bit	System Stress	1390	Errata	A5C.2C0 : pokefocs.exe died. A5C.2C0 : ExitCode: 0. And A5C.2C0 : pokefocs.exe: A5C.2C0 : DIED
Windows XP Pro Windows XP Pro 64-bit	UAA Test Application	1399	Errata	GetConfigDefault: Response == 0x80000000B7031110 ... GetConfigDefault(F1F): Response == 0x0006F6E4B7031110 Error: Codec must either respond to F1F control identically to F1C or respond with 0
Windows XP Pro Windows XP Pro 64-bit	UAA Test Application	1457	Errata	Error: Location field can not be 0. Error: ConnectionType field can not be 0. Error: Color field can not be 0. Error: DefaultAssociation field can not be 0.
Windows XP Pro Windows XP Pro 64-bit	UAA Test Application	1388	Errata	Error: If the DefaultAssociation is set to 0x0F, then the Sequence number must be 1. Error: Sequence field can not be 0.
Windows XP Pro Windows XP Pro 64-bit	UAA Test Application	1398	Errata	Global Control = 0x00000001 Accept Unsolicited Response Enable -UNSOL = 0x00 FAIL : Accept Unsolicited Response Enable -UNSOL is not RW FAIL: Accept Unsolicited Response Enable -UNSOL is not RW
Windows XP Pro Windows XP Pro 64-bit	UAA Test Application	2965	Incident	SDx Input Stream Descriptor Control_3 = 0x04 Assertion Testing for Read Write: Testing... Assertion Testing for Read Write: FAILED.
Windows XP Pro Windows XP Pro 64-bit	UAA Test Application	1463	Errata	Start Case: ID 37:2 : Codec Tests\RequiredVerbSupport:[date of test] ... (several lines of function calls and returns) End Case: ID 37:2 : FAIL : Codec Tests\RequiredVerbSupport : [date of test]
Windows XP Pro Windows XP Pro 64-bit	LAN Device Wake-up	772	Errata	This test is not required for Gigabit and higher Ethernet devices.

Test Notes

Operating System	Test	Description