



**Driver and WHQL Engineering Services**

**Motherboard Logo Program (MLP)**

**Intel® Desktop Board**

**DQ963FX**

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**MLP Report**

1/9/2007

**Purpose:**

This report describes the DQ963FX Motherboard Logo Program testing run conducted by Intel® Corporation.

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# Introduction

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## Terms and Definitions

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

# Desktop Board Configuration

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## Desktop Board DQ963FX Final Configuration Report: Completion of MLP

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

### Board Information

Product Code <sup>1</sup>	BIOS String/Model	Technologies NOT Logo'd (yet)
DQ963FX	MQ96510J.86A.0816	N/A - all technologies logo'd
<b>Processor</b>		
Speed	3.8 GHz	
Family	Pentium® 4	
Bus Speed	800 MHz	
Form Factor	LGA775	
Connector Type	LGA775 Socket	
<b>System Memory</b>		
Amount Installed	2048 MB	
Speed	Dual Channel, DDR2, 533	
Memory Type	DIMM	
Connector Type	DDR, 240 Pin	
<b>Power Management</b>		
BIOS Setting	S3	
<b>Operating System Tested</b>		
	<b>Check Tested</b>	<b>Comments</b>
Windows XP Pro	<input checked="" type="checkbox"/>	Service Pack 2
Windows XP Pro 64-bit	<input checked="" type="checkbox"/>	Service Pack 1

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<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.

## Onboard Integrated Devices and Driver

Technology	OS	Version
<b>Chipset Update Utility</b> Intel®	Windows XP Pro	8.0.1.1002
	Windows XP Pro 64-bit	8.0.1.1002
<b>Graphics</b> Intel®	Windows XP Pro	14.21.1.64.4642
	Windows XP Pro 64-bit	14.21.1.64.4642
<b>Audio</b> Sigmatel	Windows XP Pro	5.10.5067
	Windows XP Pro 64-bit	5.10.5067
<b>LAN</b> Intel® PRO Network Connections	Windows XP Pro	V11.0PV
	Windows XP Pro 64-bit	V11.0PV
<b>SATA/RAID</b> Intel®	Windows XP Pro	n/a
	Windows XP Pro 64-bit	n/a
<b>USB 2.0</b> Intel®	Windows XP Pro	8.0.1.1002
	Windows XP Pro 64-bit	8.0.1.1002
<b>IEEE1394b</b> Texas Instruments	Windows XP Pro	n/a
	Windows XP Pro 64-bit	n/a
<b>TPM</b> ST Microelectronics	Windows XP Pro	n/a
	Windows XP Pro 64-bit	n/a

## 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	<a href="#">HCT 12.1.01 for Windows XP SP2</a>	<a href="#">HCT 12.1.01 Test Procedure and Readme Downloads</a>

## Errata and Contingencies

Operating System	Failing Test	ID Number	Type	Error Description
Windows XP PRO SP2	PCI Compliance	1403	errata	SEV2 : FAIL: 4.59.1 - Bits 07:02 in the PMCSR are reserved and must always return 0.
Windows XP PRO SP2	UAA Test Application	1463	errata	Start Case: ID 37:2 : Codec Tests\RequiredVerbSupport:[Thu Jan 01 13:40:38 2004] . . . End Case: ID 37:2 : FAIL : Codec Tests\RequiredVerbSupport : [Thu Jan 01 13:40:39 2004]
Windows XP PRO 64bit	PCI Compliance	1403	errata	SEV2 : FAIL: 4.59.1 - Bits 07:02 in the PMCSR are reserved and must always return 0.
Windows XP PRO 64bit	UAA Test Application	1463	errata	Start Case: ID 37:2 : Codec Tests\RequiredVerbSupport:[Thu Jan 01 13:40:38 2004] . . . End Case: ID 37:2 : FAIL : Codec Tests\RequiredVerbSupport : [Thu Jan 01 13:40:39 2004]

## Test Notes

Operating System	Test	Description