

M4A88TD-M/USB3 Compatibility Test Report Rev.1.0

Hardware Periphery Compatibility

1.1. Addon and Periphery device Test

100 BaseTx Ethernet Adapters						Testing time: 0.25 hr/unit				
Verify the network functionalities as well as file transfer and play VCD/DVD via network after resumed from suspend.										
Type	Model	Connect Interface	O.S. Environment				Status		Chipset	
PCI	D-Link DFE-530TX	PCI1	WinXP Pro. SP3				Pass		D-Link DL10030A	
	Intel Pro/100+M	PCI1	Win7 Ultimate				Pass		Intel GD82559	
	Zyxel FN312	PCI1	Vista Ultimate SP2				Pass		Realtek RTL8139D	
Known Issues	None									
1000 Networking Cards						Testing time: 0.25 hr/unit				
Verify the network functionalities as well as file transfer and play VCD/DVD via network after resumed from suspend.										
Type	Model	Connect Interface	O.S. Environment				Status		Chipset	
PCI	ASUS NX1101	PCI1	Win7 Ultimate				Pass		IC IP1000A	
	Intel Pro/1000MT	PCI1	WinXP Pro. SP3				Pass		Intel82540OEM	
PCIEX1	ASUS PEB-G21 Rev 1.00	PCIEX1_1	Vista Ultimate SP2				Pass		BCM57211KFB	
	Intel 1000PT	PCIEX1_2	Win7 Ultimate				Pass		Intel 82572EI	
	Syskonnect SK-9E21D	PCIEX1_1	Win7 Ultimate				Pass		Marvell 88E8052-NNC	
PCIEX4	Intel EXPI9402PT	PCIEX16	Vista Ultimate SP2				Pass		Intel RC82571	
Known Issues	None									
1394 Adapters						Testing time: 4 hrs/unit				
Test the connection and functions via 1394 device after resumed from suspend.										
Type	Model	Connect Interface	O.S. Environment				Status		Chipset	
PCI	Upmost DV/1394	PCI1	Win7 Ultimate				Pass		Texas TSB12L26	
Known Issues	None									
Graphic Adapters						Testing time: 1.67 hrs/unit				
Focus on AGP, PCIE and PCI capacities and slot conflicts. Always resume the system from suspend before executing, 3DMark03, 3DMark05, 3DMark06 and UT2004 Demo for 20 minutes by using different resolutions and pixels.										
Type	Model	Mode	Tested Slot							
PCI	Matrox Millennium P690 Plus LP/256MB (BIOS:V1.4 b05)	Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	Vista Ultimate SP2
PCIEX1	Matrox G550 (BIOS:V1.5.015)	Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	Win7
PCIEX1	Matrox Millennium P690 Plus LP/128MB (BIOS:V1.4 b05)	Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	WinXP Pro. SP3

Graphic Adapters

Testing time: 1.67 hrs/unit

Focus on AGP, PCIE and PCI capacities and slot conflicts. Always resume the system from suspend before executing, 3DMark03, 3DMark05, 3DMark06 and UT2004 Demo for 20 minutes by using different resolutions and pixels.

Type	Model	Mode	Tested Slot							
PCIEX16	ASUS EAH2400PRO /HTP/256M/A (BIOS:059.000.003.026163)	CFX	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
		Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ASUS EAH3450 TOP/HTP/128M (BIOS:V95C5.10.79.0.1.A S05)	CFX	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
		Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Win7
	ASUS EAH3650/TOP HTDI/256M/A (BIOS:113-AB40700-110)	CFX	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
		Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A	WinXP Pro. SP3
	ASUS EAH4850/TOP/HTDI/512M	CFX	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
		Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Colorful 3450/GD2/256M	CFX	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
		Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Sapphire HD3850/512M /GDDR3 (BIOS:113-1E670SA-003)	CFX	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
		Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ASUS EAH4670/DI/1G/A (BIOS:V9490.11.15.0.12.A S01)	CFX	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
		Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ASUS EAH4830/HTDP /512MD3/A (BIOS:944C.11.3.0.0.AS03)	CFX	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
		Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Powercolor HD4830 /512MD3	CFX	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
		Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ASUS EAH5450 SILENT/DI/1GD3 (BIOS:68F9.12.16.0.2.AS01)	CFX	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
		Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Graphic Adapters

Testing time: 1.67 hrs/unit

Focus on AGP, PCIE and PCI capacities and slot conflicts. Always resume the system from suspend before executing, 3DMark03, 3DMark05, 3DMark06 and UT2004 Demo for 20 minutes by using different resolutions and pixels.

Type	Model	Mode	Tested Slot							
PCIEX16	ASUS EAH5670/DI/1GD5/A (BIOS:68D8.12.17.0.4.AS01)	Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	Win7
		CFX	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Galaxy GeForceGT240/1G/128M (BIOS:V70.15.20.00.03)	Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	Vista Ultimate SP2
		SLI	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	ASUS EN8500GT/HTP/256M (BIOS:V60.86.39.00.00)	SLI	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	Vista Ultimate SP2
	ASUS EN8500GT/SILENT MG/HTP/512M (BIOS:V60.86.39.00)	SLI	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	Win7
	ASUS EN8600GT/HTD /256M/A (BIOS:V60.84.41.00.00)	SLI	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	Win7
	ASUS EN9800GTX	SLI	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	WinXP Pro. SP3
	ASUS ENGTS250 DK/HTDI/1GD3/A(C391MP) (BIOS:V62.92.7D.00.AS01)	SLI	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	Win7
	ASUS ENGTX260/HTDI/896M/A(P654) (BIOS: V62.00.3D.00.AS01.a)	SLI	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	Vista Ultimate SP2
	ASUS ENGTX280/HTDP/1G/A	SLI	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	Win7
	ASUS ENGTX295/2DI/1792MD3/ A (BIOS: V62.00.45.00.AS07M)	SLI	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	WinXP Pro. SP3
	ASUS EN8600GT/HTD /256M/A (BIOS:V60.84.41.00.00)	SLI	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	WinXP Pro. SP3
	ASUS EN9400GT/HTP/512M (BIOS: V94.62.4.00.AS33)	SLI	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	Win7
	ASUS EN9400GTSILENT/DI/512 M/A (BIOS:V62.94.54.00.AS08)	SLI	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	Vista Ultimate SP2

Graphic Adapters										Testing time: 1.67 hrs/unit
Focus on AGP, PCIE and PCI capacities and slot conflicts. Always resume the system from suspend before executing, 3DMark03, 3DMark05, 3DMark06 and UT2004 Demo for 20 minutes by using different resolutions and pixels.										
Type	Model	Mode	Tested Slot							
PCIEX16	ASUS EN9800GTMT /HTDI/512M/A	Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		SLI	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Colorful GeForce 8500GT/GD3 (BIOS:V60.84.17.00.13)	SLI	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	XFX GeForce 8600GTS (BIOS:V60.84.18.00.83)	SLI	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	EVGA GeForce 8600GT 256M (BIOS: V60.84.35.00.01)	SLI	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
		Single	Slot1	Slot2	Slot3	Slot4	Slot5	Slot6	Slot7	O.S
			Pass	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Known Issues	None									

SATA RAID Controllers						Testing time: 1.25 hrs/unit
Install the O.S on built RAID HDD with SATA interface devices. Do stress test for 20 minutes.						
Type	Model	Connect Interface	O.S. Environment	Status	Chipset	
PCIEX1	Upmost SR210 (BIOS: V7.3.13)	PCIEX1_1	Vista Ultimate SP2	Pass	Silicon Sil3132	
PCIEX4	3Ware 3W-9650SE-4LPML (BIOS:3.08.00.002)	PCIEX16_1	WinXP Pro. SP3	Pass	Marvell 88SX6041	
PCIEX8	Areca ARC-1210 (BIOS: V1.21)	PCIEX16_1	Win7 Ultimate	Pass	Marvell 88SX6041	
Known Issues	None					

SAS RAID Controllers						Testing time: 1.25 hrs/unit
Test the audio functionalities after resumed from suspend.						
Type	Model	Connect Interface	O.S. Environment	Status	Chipset	
PCIEX8	Adaptec ASR-5405	PCIEX16_1	Win7 Ultimate	Pass	Intel 800MHz	
Known Issues	None					

Sound Cards						Testing time: 1.25 hrs/unit
Test the audio functionalities after resumed from suspend.						
Type	Model	Connect Interface	O.S. Environment	Status	Chipset	
PCI	ASUS Xonar D2	PCI1	Vista Ultimate SP2	Pass	ASUS AV200	
PCIEX1	Creative X-Fi Xtreme Audio	PCIEX1_2	Win7 Ultimate	Pass		
USB 1.1	ASUS Xonar U1	USB56	WinXP Pro. SP3	Pass		
USB 2.0	Creative Sound Blaster Audigy2 NX	USB56	Vista Ultimate SP2	Pass		
Known Issues	None					

Audio Decoder Devices						Testing time: 0.17 hr/unit
Verify the functionalities after resumed from suspend.						
Type	Model	Connect Interface	O.S. Environment	Status	Remark	
SPDIF	LOGITECH-Z-5400 DIGITAL	SPIDIF_OUT	Win7 Ultimate	Pass		
	ONKYO-TX-SA805	SPIDIF_OUT	WinXP Pro. SP3	Pass		
Known Issues	None					

CPU Devices							Testing time: 50 hrs	
Check all the information provides on the post screen and O.S. Test all the functions of CPU feature and follow upon the O.S test-plan to do the further test, such as installing applications or games, accessing internal/external storage or network drive, playing audio or VCD/DVD and using RightMark CPU Clock Utility to check CPU, FSB clock settings and CPU feature.								
Vende	Model	OPN	L2 Cache (KB)	Voltage (V)	Clock Multiplier	FSB (MHz)	Stepping	Special Setting
AMD	Phenom II X3-715	HDZ715WCJ3DGI	1536/6144	1.20~1.425	14.0X	1800	Rev. C2, 95W	AM3(SOCK ET AM2) (Unlock Multiplier)
	Phenom II X4-940	HDZ940XCJ4DGI	2048/6144	0.875~1.50	15.0X	1800	Rev. C2, 125W	AM3(SOCK ET AM2) (Unlock Multiplier)
	Sempron II-140	SDX140HBK13GQ	1024/ N/A	1.10~1.35	13.5X	2000	Rev. C2, 45W	AM3
	Athlon II X2-215	ADX215OCK22GQ	1024/ N/A	1.20~1.425	13.5X	2000	Rev. C2, 65W	AM3
	Athlon II X2-240e	AD240EHDK23GQ	2048/ N/A	1.10~1.35	14.0X	2000	Rev. C2, 45W	AM3
	Athlon II X2-255	ADX255OCK23GM	2048/ N/A	1.20~1.40	15.5X	2000	Rev. C3, 65W	AM3
	Athlon II X3-405e	AD405EHDK32GM	1536/ N/A	1.10~1.25	11.5X	2000	Rev. C3, 45W	AM3
	Athlon II X3-440	ADX440WFK32GI	1536/ N/A	1.20~1.425	15.0X	2000	Rev. C2, 95W	AM3
	Athlon II X3-445	ADX445WFK32GM	1536/ N/A	1.20~1.40	15.5X	2000	Rev. C3, 95W	AM3
	Athlon II X4-605e	AD605EHDK42GM	2048/ N/A	1.10~1.20	11.5X	2000	Rev. C3, 45W	AM3
	Athlon II X4-635	ADX635WFK42GI	2048/ N/A	1.20~1.425	14.5X	2000	Rev. C2, 95W	AM3
	Athlon II X4-640	ADX640WFK42GM	2048/N/A	1.20~1.40	15.0X	2000	Rev. C3, 95W	AM3
	Phenom II X2-550	HDZ550WFK2DGI	1024/6144	1.20~1.425	15.5X	2000	Rev. C2, 45W	AM3(Unlock Multiplier)
	Phenom II X2-555	HDZ555WFK2DGM	1024/6144	1.225~1.400	16.0X	2000	Rev. C3, 80W	AM3(Unlock Multiplier)
	Phenom II X3-705e	HD705EOCK3DGI	1536/6144	1.025~1.25	12.5X	2000	Rev. C2, 95W	AM3
	Phenom II X3-740	HDZ740WFK3DGI	1536/6144	1.20~1.425	15.0X	2000	Rev. C2, 95W	AM3 (Unlock Multiplier)
	Phenom II X4-820	HDX820WFK4FGI	2048/4096	1.20~1.425	14.0X	2000	Rev. C2, 95W	AM3
	Phenom II X4-905e	HD905EOCK4DGI	2048/6144	1.025~1.25	12.5X	2000	Rev. C2, 65W	AM3
	Phenom II X4-910e	HD910EOCK4DGM	2048/6144	1.05~1.25	13.0X	2000	Rev. C3, 65W	AM3
	Phenom II X4-925	HDX925WFK4DGI	2048/6144	1.15~1.30	14.0X	2000	Rev. C2, 95W	AM3
	Phenom II X4-945	HDX945WFK4DGM	2048/6144	1.20~1.40	15.0X	2000	Rev. C3, 95W	AM3
	Phenom II X4-955	HDZ955FBK4DGI	2048/6144	1.225~1.425	16.0X	2000	Rev. C2, 125W(盒裝)	AM3(Unlock Multiplier)
	Phenom II X4-965	HDZ965FBK4DGI	2048/6144	1.225~1.425	17.0X	2000	Rev. C2, 140W(盒裝)	AM3(Unlock Multiplier)
	Phenom II X4-965	HDZ965FBK4DGM	2048/6144	1.225~1.40	17.0X	2000	Rev. C3, 125W	AM3(Unlock Multiplier)
Known Issues	Bug#29 Bug# 36							
CPU Fan Devices							Testing time: 0.5 hr/unit	
Check no mechanical problem and fan speed should work normally after Q-fan function enabled. The fan speed information should be match in ASUS PC Probe II and ASUS AI Suite.								
Type	Model	Connect Interface		O.S. Environment		Status	Remark	
AMD	AMD Product Fan (0.75A)	3000 rpm		Win7 Ultimate		Pass		

CPU Fan Devices					Testing time: 0.5 hr/unit
Check no mechanical problem and fan speed should work normally after Q-fan function enabled. The fan speed information should be match in ASUS PC Probe II and ASUS AI Suite.					
Type	Model	Connect Interface	O.S. Environment	Status	Remark
AMD	AMD Product Thermal Control Fan (0.30A)	3100 rpm	Win7 Ultimate	Pass	
	AMD Product Thermal Control Fan (0.55A)	3000 rpm	Vista Ultimate SP2	Pass	
	AMD Product Thermal Control Fan (0.70A)	1300 rpm	Vista Ultimate SP2	Pass	
	ASUS Royal Knight	2200 rpm	WinXP Pro. SP3	Pass	
	ASUS Silent Knight	1800 rpm	Win7 Ultimate	Pass	
	ASUS Silent Square	2300 rpm	Win7 Ultimate	Pass	
	ASUS Triton 70	2500 rpm	Win7 Ultimate	Pass	
	ASUS Triton 81	2280 rpm	Vista Ultimate SP2	Pass	
	ASUS Triton 88	2480 rpm	Win7 Ultimate	Pass	
	ASUS Troy Square	3000 rpm	Win7 Ultimate	Pass	
	AVC 颶風戰士 Plus	5000 rpm	Vista Ultimate SP2	Pass	
	AVC 颶風戰士	2800 rpm	Win7 Ultimate	Pass	
	Avc ICE COLD	2800 rpm	Win7 Ultimate	Pass	
	Avc 拿破崙	2000 rpm	Win7 Ultimate	Pass	
	CoolerMaster N620	1950 rpm	Vista Ultimate SP2	Pass	
	CoolerMaster V8	2200 rpm	Win7 Ultimate	Pass	
	CoolerMaster V10	1800 rpm	Win7 Ultimate	Pass	
	Coolermaster HyperTX	2000 rpm	WinXP Pro. SP3	Pass	
	Coolermaster Hyper 212	0 rpm	Win7 Ultimate	Pass	
	COOLERMASTER RR 600	2200rpm	Vista Ultimate SP2	Pass	
	Coolermaster 赤龍珠	1800rpm	Win7 Ultimate	Pass	
	Deepcool 黑虎鯨	1800 rpm	Vista Ultimate SP2	Pass	
	Thermalright Ultra 120 Extreme	2000 rpm	Win7 Ultimate	Pass	
	Thermaltake CL-P0200	1300 rpm	Win7 Ultimate	Pass	
	Thermaltake P0114	1700 rpm	Win7 Ultimate	Pass	
	Thermaltake 五彩鳳梨	2100 rpm	Win7 Ultimate	Pass	
	Thermaltake P0268	2300 rpm	WinXP Pro. SP3	Pass	
	ZEROtherm NV120 Premium	2200 rpm	Win7 Ultimate	Pass	
	Zalman CNPS10X Extreme	2800 rpm	Win7 Ultimate	Pass	
	Zalman CNPS9700NT	1950 rpm	Win7 Ultimate	Pass	
	Zalman CNPS9900 LED	2800 rpm	WinXP Pro. SP3	Pass	
Known Issues	None				
Digital Camera Devices					Testing time: 0.25 hr/unit
Capture any pictures and try to upload and download to the computer via cable after resumed from suspend.					
Type	Model	Connect Interface	O.S. Environment	Status	Remark
USB 2.0	Canon IXUS 850IS	USB_3_12	Vista Ultimate SP2	Pass	
	Kodak P850	USB56	Win7 Ultimate	Pass	
	Nikon D40X	USB78	Vista Ultimate SP2	Pass	
	Panasonic DMC-FZ20	USB910	WinXP Pro. SP3	Pass	
	Sony Cybershot DSC-T9	USB910	Vista Ultimate SP2	Pass	
Known Issues	None				
Display Devices					Testing time: 0.5 hr/unit
Check the output of several different display devices and connect interface.					
Type	Model	Connect Interface	O.S. Environment	Status	Remark
D-Sub	AOC F19	D-Sub	Win7 Ultimate	Pass	18.5" LCD (16:9) resolution 1366*768

Display Devices					Testing time: 0.5 hr/unit
Check the output of several different display devices and connect interface.					
Type	Model	Connect Interface	O.S. Environment	Status	Remark
D-Sub	ASUS PG221	D-Sub	Win7 Ultimate	Pass	22" LCD(16:10) resolution 1680*1050
	ASUS VK191T	D-Sub	Win7 Ultimate	Pass	19" LCD (16:10) resolution 1440*900
	BenQ FP222WH	D-Sub	WinXP Pro. SP3	Pass	22" LCD (16:10) resolution 1680*1050
	BenQ G2400W	D-Sub	Win7 Ultimate	Pass	24" LCD (16:10) resolution 1920*1200
	Dell 2408WFP	D-Sub	Win7 Ultimate	Pass	24" LCD (16:10) resolution 1920*1200Display Port
	LG L226WTQ	D-Sub	Vista Ultimate SP2	Pass	22" LCD (16:10) resolution 1680*1050
	Samsung Syncmaster 2232GW+	D-Sub	Win7 Ultimate	Pass	22" LCD(16:10) resolution 1680*1050
	Samsung Syncmaster 225UW	D-Sub	Vista Ultimate SP2	Pass	22" LCD(16:10) resolution 1680*1050
	Samsung Syncmaster 2343BW	D-Sub	WinXP Pro. SP3	Pass	23" LCD (16:9)resolution2048*1152 必測Resolution如下: 2048*1152 1920*1080 1600*900 1366*768
	Samsung Syncmaster 2493HM	D-Sub	Vista Ultimate SP2	Pass	24" LCD (16:10) resolution 1920*1200 必測Resolution如下: 1920*1200 1680*1050 1440*900
	Viewsonic VX2435wm	D-Sub	Vista Ultimate SP2	Pass	24" LCD (16:10) resolution 1920*1200
	AOC 201V	D-Sub	Win7 Ultimate	Pass	20" LCD (4:3) resolution1400*1050
	ASUS PW201	D-Sub	Vista Ultimate SP2	Pass	20" LCD(16:10) resolution 1680*1050 D-sub接口有問題，不用於 on-board水波紋測試
	ASUS VW1161D	D-Sub	Win7 Ultimate	Pass	
	Samsung Syncmaster 225UM	D-Sub	WinXP Pro. SP3	Pass	
	Viewsonic VA2016w	D-Sub	Win7 Ultimate	Pass	20" LCD(16:10) resolution 1680*1050
DVI	AOC 2216VW+	DVI	Win7 Ultimate	Pass	
	ASUS PW201	DVI	Win7 Ultimate	Pass	
	ASUS VW202T	DVI	WinXP Pro. SP3	Pass	
	BenQ FP94VW	DVI	Vista Ultimate SP2	Pass	
	Dell 2408WFP	DVI	Win7 Ultimate	Pass	
	LG L226WTQ	DVI	WinXP Pro. SP3	Pass	
	LG L206WTQ	DVI	Win7 Ultimate	Pass	
	Philips 220XW8	DVI	Vista Ultimate SP2	Pass	
	Philips 240BW8	DVI	Win7 Ultimate	Pass	
	Samsung 2033SW	DVI	WinXP Pro. SP3	Pass	
	Samsung 2493HM	DVI	Win7 Ultimate	Pass	
	Samsung Syncmaster 226BW	DVI	Vista Ultimate SP2	Pass	
	Sony SDM-HS75P	DVI	Win7 Ultimate	Pass	
	Viewsonic VP231wb	DVI	Win7 Ultimate	Pass	
	Viewsonic VX2640W	DVI	WinXP Pro. SP3	Pass	
	Viewsonic VP950B	DVI	Win7 Ultimate	Pass	
HDMI	Dell 2408WFP	HDMI	Win7 Ultimate	Pass	
	Samsung 225MS	HDMI	Vista Ultimate SP2	Pass	
	Samsung 2493HM	HDMI	Win7 Ultimate	Pass	
	Sharp LCD-52RX1	HDMI	Vista Ultimate SP2	Pass	
	Sony KLV46X200A	HDMI	WinXP Pro. SP3	Pass	
	Toshiba 42RV500G	HDMI	Win7 Ultimate	Pass	
	Viewsoinc VX2435WM	HDMI	WinXP Pro. SP3	Pass	

Display Devices					Testing time: 0.5 hr/unit
Check the output of several different display devices and connect interface.					
Type	Model	Connect Interface	O.S. Environment	Status	Remark
HDMI	BenQ FP222WH	HDMI	Win7 Ultimate	Pass	
Known Issues	None				
Earphone Devices					Testing time: 0.17 hr/unit
Verify the functionalities after resumed from suspend and check no ECHO if using Ear-Mic headset.					
Type	Model	Connect Interface	O.S. Environment	Status	Remark
Earphone	AKG K701	Line out	Vista Ultimate SP2	Pass	
	Philips SHM7410	Line out	Win7 Ultimate	Pass	
	Sennheiser PX200	Line out	WinXP Pro. SP3	Pass	
	PHILIPS HS390	Line out	Win7 Ultimate	Pass	
Ear-Mic	Philips SBC HM450	Line out	Win7 Ultimate	Pass	
Known Issues	None				
Networking Hubs/Switches/Routers					Testing time: 0.17 hr/unit
Transfer files over 500MB through Hub/Switch/Router and during copying files the link can't be disconnected and see the transfer time can't spend too much after resumed from suspend.					
Type	Model	Connect Interface	O.S. Environment	Status	Remark
Switch	ASUS GIGAX1105	Lan	WinXP Pro. SP3	Pass	
	ASUS GIGAX1108N	Lan	Win7 Ultimate	Pass	
	ASUS GIGAX1124X	Lan	Vista Ultimate SP2	Pass	
	ASUS GIGAX 2124X	Lan	Win7 Ultimate	Pass	
	D-Link DES-1008D	Lan	Vista Ultimate SP2	Pass	
Router	ASUS RX3042HC	Lan	WinXP Pro. SP3	Pass	
	D-Link DI-704P	Lan	Win7 Ultimate	Pass	
	D-Link DI-604+	Lan	Win7 Ultimate	Pass	
	Linksys RV042	Lan	Win7 Ultimate	Pass	
Known Issues	None				
Card Readers					Testing time: 0.17 hr/unit
Transfer any files over 15 minutes and as well as open and edit the files in flash memory card after resumed from suspend.					
Type	Model	Connect Interface	O.S. Environment	Status	Remark
USB 2.0	ATP ProMax	USB12	Win7 Ultimate	Pass	
	Ezmini Smart Card Reader	USB_3_12	Win7 Ultimate	Pass	
	Sandisk Imagemate 12 in1 Card Reader	USB12	Vista Ultimate SP2	Pass	
	Transcend TS-RDM3	USB12	Win7 Ultimate	Pass	
Known Issues	None				
Floppy Devices					Testing time: 0.17 hr/unit
Boot from the floppy and perform the read and write functions included the write protection mode after resumed from suspend.					
Type	Model	Connect Interface	O.S. Environment	Status	Remark
USB 1.1	Sony MPF82E-U1	USB12	Win7 Ultimate	Pass	
	IBM CN533	USB56	Vista Ultimate SP2	Pass	
Known Issues	None				
HDD Devices					Testing time: 0.5 hr/unit
Check all the information provides on the post screen and O.S. Do stress test for 20 minutes after resumed from suspend.					
Type	Model	Connect Interface	O.S. Environment	Status	Remark
IDE	Seagate ST3120022A	PRI_EIDE	Win7 Ultimate	Pass	
	Seagate ST3250823A	PRI_EIDE	Win7 Ultimate	Pass	
	WD WD1200JB	PRI_EIDE	Vista Ultimate SP2	Pass	
	WD WD3000JB	PRI_EIDE	Win7 Ultimate	Pass	
SATA150	Hitachi HDS722516VLSA80	SATA3	Win7 Ultimate	Pass	
	Maxtor 6L250S0	SATA5	WinXP Pro. SP3	Pass	
	Maxtor 6B300S0	SATA6	Win7 Ultimate	Pass	

HDD Devices					Testing time: 0.5 hr/unit
Check all the information provides on the post screen and O.S. Do stress test for 20 minutes after resumed from suspend.					
Type	Model	Connect Interface	O.S. Environment	Status	Remark
SATA150	Samsung SP0812C	SATA5	Win7 Ultimate	Pass	
	Seagate ST3200826AS	SATA1	Win7 Ultimate	Pass	
	WD WD2500JD	SATA3	WinXP Pro. SP3	Pass	
	WD WD4000KD	SATA5	Win7 Ultimate	Pass	
SATA300	Hitachi HDS728080PLA380	SATA1	Vista Ultimate SP2	Pass	
	Hitachi HDS721616PLA380	SATA1	Win7 Ultimate	Pass	
	Hitachi HDP725025GLA380	SATA1	Win7 Ultimate	Pass	
	Hitachi HDS725050KLA360	SATA3	Win7 Ultimate	Pass	
	Hitachi HDP725050GLA360	SATA5	Win7 Ultimate	Pass	
	Hitachi HDS721010KLA330	SATA2	WinXP Pro. SP3	Pass	
	Maxtor STM3250820AS	SATA3	Win7 Ultimate	Pass	
	Maxtor STM3320620AS	SATA2	Vista Ultimate SP2	Pass	
	Samsung HD160IJ	SATA6	Win7 Ultimate	Pass	
	Samsung SP2004C	SATA5	Vista Ultimate SP2	Pass	
	Samsung HD321KJ	SATA1	Win7 Ultimate	Pass	
	Samsung HD161HJ	SATA3	Win7 Ultimate	Pass	
	Samsung HD501LJ	SATA5	Win7 Ultimate	Pass	
	Seagate ST3250310AS	SATA1	Win7 Ultimate	Pass	
	Seagate ST3250824AS	SATA1	Vista Ultimate SP2	Pass	
	Seagate ST3320620AS	SATA3	Win7 Ultimate	Pass	
	Seagate ST3400633AS	SATA5	Win7 Ultimate	Pass	
	Seagate ST3750330AS	SATA6	Win7 Ultimate	Pass	
	Seagate ST31000528AS	SATA1	Win7 Ultimate	Pass	
	Seagate ST3250310AS	SATA3	WinXP Pro. SP3	Pass	
	Seagate ST3500320NS	SATA5	Win7 Ultimate	Pass	
	Seagate ST3500418AS	SATA1	Vista Ultimate SP2	Pass	
	Seagate ST3500620SS	SATA1	Win7 Ultimate	Pass	
	Seagate ST31000340NS	SATA5	Win7 Ultimate	Pass	
	Seagate ST31000333AS	SATA6	Vista Ultimate SP2	Pass	
	WD WD800JD	SATA1	Win7 Ultimate	Pass	
	WD WD1500ADFD	SATA2	Win7 Ultimate	Pass	
	WD WD1600JS	SATA6	Win7 Ultimate	Pass	
	WD WD1600AAJS	SATA1	Win7 Ultimate	Pass	
	WD WD2000JS	SATA6	Win7 Ultimate	Pass	
	WD WD2500JS	SATA3	Vista Ultimate SP2	Pass	
	WD WD2500KS	SATA3	Win7 Ultimate	Pass	
	WD WD2500AAKS	SATA6	WinXP Pro. SP3	Pass	
	WD WD5000AAKS	SATA2	Win7 Ultimate	Pass	
	WD WD10EVVS	SATA3	Win7 Ultimate	Pass	
	WD WD10EACS	SATA3	Vista Ultimate SP2	Pass	
	WD WD3000GLFS	SATA1	Win7 Ultimate	Pass	
	WD WD6400AAKS	SATA2	Win7 Ultimate	Pass	
	WD WD6400AACS	SATA1	Vista Ultimate SP2	Pass	
	WD WD7500AYPS	SATA2	Win7 Ultimate	Pass	
	SAMSUNG WD WD10EADS	SATA2	Win7 Ultimate	Fail	
			Win7 Ultimate	Pass	
SATA 6G	Seagate ST32000641AS	SATA5	Win7 Ultimate	Pass	Barracuda XT, 2TB (Update F/W to CC13)
SATA SSD	Adata SSD-064	SATA1	Vista Ultimate SP2	Pass	不作AHCI測試之用
	G.Skill FM-25S2S-064	SATA3	Win7 Ultimate	Pass	
	OCZ Core-Series-V2-120	SATA1	WinXP Pro. SP3	Pass	
	OCZ Core-Series-V2-030	SATA1	Win7 Ultimate	Pass	
	OCZ Core-Series-V2-060	SATA6	Win7 Ultimate	Pass	

HDD Devices				Testing time: 0.5 hr/unit		
Check all the information provides on the post screen and O.S. Do stress test for 20 minutes after resumed from suspend.						
Type	Model	Connect Interface	O.S. Environment	Status	Remark	
SATA SSD	Patriot PE32GS25SSD-032	SATA2	Win7 Ultimate	Pass		
Known Issues	Bug#7					
Joystick & PC Game Controller				Testing time: 0.33 hr/unit		
Play any games by using joystick or gamepad over 15 minutes after resumed from suspend.						
Type	Model	Connect Interface	O.S. Environment	Status	Remark	
USB 1.1	Logitech G25 Racing wheel	USB78	Win7 Ultimate	Pass		
	Logitech Extreme 3D PRO	USB_3_12	WinXP Pro. SP3	Pass		
	Saitek Aviator AV8R-01	USB910	Vista Ultimate SP2	Pass		
USB 2.0	Microsoft-XBOX 360 Controller	USB78	Win7 Ultimate	Pass		
Known Issues	None					
Keyboard Devices				Testing time: 0.17 hr/unit		
Test all the key functions after resumed from suspend.						
Test Items of Priority 1 must be finished in the first week of CUT2 Stage.						
Type	Model	Connect Interface	O.S. Environment	Status	Remark	
PS/2	BenQ A800	PS/2	Win7 Ultimate	Pass		
	Delux K7020	PS/2	Vista Ultimate SP2	Pass		
	Logitech Y-SM48	PS/2	Win7 Ultimate	Pass		
USB 1.1	BenQ A800	USB56	WinXP Pro. SP3	Pass		
	BenQ A800	USB56	Win7 Ultimate	Pass		
	Dell SK-8135	USB78	Win7 Ultimate	Pass		
	Logitech G15	USB_3_12	Win7 Ultimate	Pass		
	Logitech Ultra-Flat Keyboard	USB12	Vista Ultimate SP2	Pass		
	Logitech Wave Keyboard	USB1112	Win7 Ultimate	Pass		
	Win2 V-810S	USB56	Win7 Ultimate	Pass		
	Apple MB110LL/A	USB_3_12	WinXP Pro. SP3	Pass		
USB 2.0	Logitech G19	USB78	Win7 Ultimate	Pass		
Wireless	Logitech Cordless Desktop S510	USB910	Win7 Ultimate	Pass		
Known Issues	None					
Memory Devices				Testing time: 4 hrs		
Check all the information provides on the post screen and O.S.						
Run all of following programs over 10 minutes or one circle:						
3DMark 06 Benchmark(O.C 5% / one circle), Reboot(10 min), Suspend(10 min), Memtest86+ V2.11(one circle)						
Type	Size	Type	Vendor	Module	Chip Vendor	Chip Component
DDR3-1066	1024Mbytes	Unbuffer	Crucial	CT12864BA1067.8FF	Micron	9GF22D9KPT
		Unbuffer	Elpida	EBJ10UE8EDF0-AE-F	Elpida	J1108EDSE-DJ-F
		Unbuffer	Elpida	EBJ11UD8BAFA-AE-E	Elpida	J5308BASE-AC-E
		Unbuffer	KINGSTON	KVR1066D3N7/1G	Kingston	D1288JEKAPGA7U
		Unbuffer	Micron	MT8JTF12864AZ-1G1F1	Micron	9GF22D9KPT
	2048Mbytes	Unbuffer	SAMSUNG	M378B2873EH1-CF8	SAMSUNG	SEC 901 HCF8 K4B1G0846E
		Unbuffer	Crucial	CT25664BA1067.16FF	Micron	9HF22D9KPT
		Unbuffer	Kingston	KVR1066D3N7/2G	Kingston	D1288JEKAPGA7U
		Unbuffer	Micron	MT16JTF25664AZ-1G1F1	Micron	9HF22D9KPT
		Unbuffer	Elpida	EBJ21UE8EDF0-AE-F	Elpida	J1108EDSE-DJ-F
	4096Mbytes	Unbuffer	SAMSUNG	M378B5273BH1-CF8	SAMSUNG	846 K4B2G0846B-HCF8
		Unbuffer	Kingston	KVR1066D3N7/4G	Hynix	H5TQ2G83AFR
DDR3-1333	1024Mbytes	Unbuffer	Adata	AD31333001GOU	Adata	AD30908C8D-151C E0906
		Unbuffer	Crucial	CT12864BA1339.8FF	Micron	9FF22D9KPT
		Unbuffer	CORSAIR	CM3X1024-1333C9	CORSAIR	Heat-Sink Package
		Unbuffer	Elpida	EBJ10UE8EDF0-DJ-F	Elpida	J1108EDSE-DJ-F
		Unbuffer	Kingmax	FLFD45F-B8MF9	Micron	8HD22D9JNM

Memory Devices						Testing time: 4 hrs
Check all the information provides on the post screen and O.S. Run all of following programs over 10 minutes or one circle: 3DMark 06 Benchmark(O.C 5% / one circle), Reboot(10 min), Suspend(10 min), Memtest86+ V2.11(one circle)						
Type	Size	Type	Vendor	Module	Chip Vendor	Chip Component
DDR3-1333	1024Mbytes	Unbuffer	Kingmax	FLFD45F-B8MH9 MAES	Micron	9CF22D9KPT
		Unbuffer	KINGSTON	KVR1333D3N9/1G	KTC	D1288JELDPGD9U
		Unbuffer	Micron	MT8JTF12864AZ-1G4F1	Micron	9FF22D9KPT
		Unbuffer	SAMSUNG	M378B2873DZ1-CH9	SAMSUNG	SEC 846 HCH9 K4B1G08460
		Unbuffer	SAMSUNG	M378B2873EH1-CH9	SAMSUNG	SEC 913 HCH9 K4B1G0846E
		Unbuffer	Transcend	JM1333KLU-1G	Transcend	TK243EDF3
	2048Mbytes	Unbuffer	A-Data	AD31333G002GMU	A-Data	Heat-Sink Package
		Unbuffer	Apacer	78.A1GC6.9L1	Apacer	AM5D5808DEWSBG
		Unbuffer	Crucial	CT25664BA1339.16FF	Micron	9KF27D9KPT
		Unbuffer	Kingmax	FLFE85F-B8MH9 MEES	Micron	9GF27D9KPT
		Unbuffer	KINGSTON	KVR1333D3N9/2G	Qimonda	IDSH1G-03A1F1C-13H
		Unbuffer	Micron	MT16JTF25664AZ-1G4F1	Micron	9KF27D9KPT
		Unbuffer	PSC	AL8F8G73D-DG1	PSC	A3P1GF3DGF928M9 B05
		Unbuffer	SAMSUNG	M378B5673DZ1-CH9	SAMSUNG	K4B1G0846D-HCH9
		Unbuffer	SAMSUNG	M378B5673FH0-CH9	SAMSUNG	K4B1G0846F
	4096 Mbytes		KINGSTON	KVR1333D3N9/4G	Hynix	H5TQ2G83AFR
		Unbuffer	SAMSUNG	M378B5273CH0-CH9	SAMSUNG	K4B2G0846C
DDR3-1600	1024Mbytes	Unbuffer	Corsair	CM3X1G1600C9DHX	CORSAIR	(Heat-Sink Package)
		Unbuffer	Kingmax	FLGD45F-B8MF7	Kingmax	(Heat-Sink Package)
	2048Mbytes	Unbuffer	OCZ	OCZ3BE1600LV4GK	OCZ	(Heat-Sink Package)
		Unbuffer	G.Skill	F3-12800CL7D-4GBPI	G.Skill	(Heat-Sink Package)
		Unbuffer	ELIXIR	M2Y2G64CB8HA9N-DG		(Heat-Sink Package)
DDR3-1800	1024Mbytes	Unbuffer	OCZ	OCZ3BE1600LV4GK		
	2048Mbytes	Unbuffer	Elixir	M2Y2G64CB8HA9N-DG		
			Corsair	CM3X2G1600C9DHX		
DDR3-1866	2048Mbytes	Unbuffer	Corsair	CMG6GX3M3A1866C7		
Known Issues	None					

Microphone Devices						Testing time: 0.17 hr/unit
Verify the functionalities after resumed from suspend.						
Type	Model	Connect Interface	O.S. Environment	Status	Remark	
Condenser	Somic HD300	Mic in	Win7 Ultimate	Pass		
Known Issues	None					

Mouse Devices						Testing time: 0.17 hr/unit
Test the mouse movement, click the buttons after resumed from suspend.						
Type	Model	Connect Interface	O.S. Environment	Status	Remark	
PS/2	BenQ M501-P3B	PS/2	Win7 Ultimate	Pass		
	BenQ M800	PS/2	Win7 Ultimate	Pass		
	DigitalChina DC1061V	PS/2	Win7 Ultimate	Pass		
	Win2 OP-220	PS/2	WinXP Pro. SP3	Pass		
Serial	Win2 OK-720	COM1	Win7 Ultimate	Pass		
USB 1.1	ASUS N321	USB12	Win7 Ultimate	Pass		
	Win2 X-750FK	USB56	Vista Ultimate SP2	Pass		
	Win2 OP-220	USB910	Win7 Ultimate	Pass		
	BenQ G700	USB1112	Win7 Ultimate	Pass		
	Lenovo LS-1000	USB78	WinXP Pro. SP3	Pass		
	Logitech G1	USB56	Win7 Ultimate	Pass		
	Logitech G3 Laser	USB910	Win7 Ultimate	Pass		
	Logitech G5 Laser	USB1112	Vista Ultimate SP2	Pass		
	Logitech G9 Laser	USB78	Win7 Ultimate	Pass		
	Logitech LX3	USB56	Win7 Ultimate	Pass		
	Logitech M-UV83	USB12	Win7 Ultimate	Pass		
	Logitech Mouse Optical mini Plus	USB78	Win7 Ultimate	Pass		
	Logitech MX518	USB56	Win7 Ultimate	Pass		
	Logitech Mouse Optical	USB12	Vista Ultimate SP2	Pass		
	Microsoft Habu Laser Gaming Mouse	USB56	Win7 Ultimate	Pass		

Mouse Devices					Testing time: 0.17 hr/unit
Test the mouse movement, click the buttons after resumed from suspend.					
Type	Model	Connect Interface	O.S. Environment	Status	Remark
USB 1.1	Microsoft IntelliMouse Optical	USB78	Win7 Ultimate	Pass	
	Microsoft IntelliMouse Explorer 3.0	USB1112	WinXP Pro. SP3	Pass	
	Microsoft IntelliMouse Explorer 4.0	USB12	Win7 Ultimate	Pass	
	Microsoft Laser Mouse6000	USB_3_12	Win7 Ultimate	Pass	
	Microsoft Basic Optical Mouse	USB56	Vista Ultimate SP2	Pass	
	Microsoft Sidewinder	USB78	Win7 Ultimate	Pass	
	Philips SPM1700	USB56	Win7 Ultimate	Pass	
	Razer Copperhead	USB_3_12	Win7 Ultimate	Pass	Razer 擇一測試
	Razer Diamondback	USB910	Vista Ultimate SP2	Pass	
	Razer DeadAdder	USB56	Win7 Ultimate	Pass	
	Razer Krait	USB12	Win7 Ultimate	Pass	
	Razer Lachesis	USB_3_12	Win7 Ultimate	Pass	
USB 2.0	LOGITECH Y-RCP140	USB12	Win7 Ultimate	Pass	無線
	Microsoft ARC mouse	USB56	Win7 Ultimate	Pass	無線
Known Issues		None			
ODD CD/DVD-ROM / CD-RW / Combo / DVD+-RW Devices					Testing time: 0.5 hr/unit
Procedure: 1. Insert/plug devices in IE1394 / IDE / USBxx / SATA, it should easy to install and doesn't have conflict problem. 2. System reboots 10 times and it can detect Blu-ray ODD each time. 3. Check if there are any error marks in device manager. 4. Test the device function and access files. 5. System should work normally after resuming from S1, S3 and S4 6. Test Items of Priority 1 must be finished in the first week of CUT2 Stage.					
Priority 1					
Type	Model	Connect Interface	O.S. Environment	Status	Remark
IDE	Sony DRU-190A	IDE	Win7 Ultimate	Pass	DVD-R/DVD-RW/DVD+RW
USB2.0	ASUS SDRW-08D1S-U	USB910	Win7 Ultimate	Pass	DVD-R/DVD-RW/DVD+RW
	LG GSA-E50L	USB12	WinXP Pro. SP3	Pass	DVD-R/DVD-RW/DVD+RW
	Lite-On eSAU108	USB56	Vista Ultimate SP2	Pass	DVD-R/DVD-RW/DVD+RW
	Pioneer DVR-X162	USB78	Win7 Ultimate	Pass	DVD-R/DVD-RW/DVD+RW
SATA	ASUS DRW-24B1ST	SATA1	Win7 Ultimate	Pass	DVD-R/DVD-RW/DVD+RW
	ASUS BR-04B2T	SATA3	Win7 Ultimate	Pass	Blu-ray ROM
	BenQ DW240S	SATA5	WinXP Pro. SP3	Pass	DVD-R/DVD-RW/DVD+RW
	Lite-On IHAS322	SATA6	Win7 Ultimate	Pass	DVD-R/DVD-RW/DVD+RW
	Lite-On 401S	SATA5	Win7 Ultimate	Pass	Blu-ray ROM
	Lite-On IHOS104	SATA3	Vista Ultimate SP2	Pass	Blu-ray ROM
	Lite-On IHAS424	SATA2	Win7 Ultimate	Pass	DVD-R/DVD-RW/DVD+RW
	LG GGW-H20L	SATA6	Win7 Ultimate	Pass	Blu-ray /HD DVD Combo (Blu-ray Disc Rewriter & HD-DVD-ROM)
	MSI DH-24AS	SATA5	Win7 Ultimate	Pass	DVD-R/DVD-RW/DVD+RW
	Plextor PX-810SA	SATA3	Win7 Ultimate	Pass	DVD-R/DVD-RW/DVD+RW
	Pioneer DVR-216BK	SATA6	Win7 Ultimate	Pass	DVD-R/DVD-RW/DVD+RW
	Plextor PX-880SA	SATA6	WinXP Pro. SP3	Pass	DVD-R/DVD-RW/DVD+RW
	Sony AD-7241S	SATA2	Vista Ultimate SP2	Pass	DVD-R/DVD-RW/DVD+RW
	Sony AW-G170S	SATA5	Win7 Ultimate	Pass	DVD-R/DVD-RW/DVD+RW
	Sony BRU-X10S	SATA3	Win7 Ultimate	Pass	Blu-ray ROM

Power Supply Devices				Testing time: Priority 1: 1.16 hrs /unit Priority 2: 0.5 hr/unit		
Procedure: 1. 先將 power 開關設為 off，並將 AC power cable 移除 2. 將所有 device 接上電源 3. 請加上一張需外接電源的 VGA card (Priority1 請接高階，Priority2 請接中低階，工廠 PVT 必測需接工廠測試 VGA) 4. 將 AC power cable 接上，再將 power 開關設為 on 5. Power on，再進到 BIOS setting 確認 Hardware Monitor (無紅字) 6. 將 power 開關設為 off，再拔掉 AC power cable 7. 移除 device 上所有的電源 8. 執行 step2~7，共 5 次 9. 執行 RTC over 10 minutes 10. Priority 1- Power Supply 需加測在 OS 下執行 (S1+S3+S4)*3 (S1,S3,S4 按照順序連續跑 3 Cycles) Test Items of Priority 1 must be finished in the first week of CUT2 Stage. *工廠測試用VGA為: ASUS(EN7300GT TOP/HTD/128M/A), ASUS(EN8500GT) , ASUS(EAH4650/DI/512MD2)						
Priority 1 – 工廠 PVT 測試用, VGA請使用ASUS(EN7300GT TOP/HTD/128M/A), ASUS(EN8500GT) , ASUS(EAH4650/DI/512MD2)作測試						
Type	Model	Power	Ampere for +5VSB	O.S. Environment	Status	Chipset
ATX	Cooler Master RS-850-EMBA	850W	3.5A	Win7 Ultimate	Pass	
	Cooler Master RS-A00-EMBA	1000W	3.5A	WinXP Pro. SP3	Pass	
	Seasonic SS-850EM	850W	3A	Win7 Ultimate	Pass	
	Thermaltake Toughpower 1500W	1500W	3.5A	Win7 Ultimate	Pass	
Priority 2						
Type	Model	350W	Ampere for +5VSB	O.S. Environment	Status	Chipset
ATX	Cooler Master RS-430-ASAA	400W	2A	WinXP Pro. SP3	Pass	
	ACBel ATX-430CA-AB8FB	800W	3A	Win7 Ultimate	Pass	
	ACBel ATX-730CA-AB8FB	730W	3A	Vista Ultimate SP2	Pass	
	Enermax EES400AWT	400W	3A	Win7 Ultimate	Pass	
	Seventeam ST-500ZPF	500W	2A	Win7 Ultimate	Pass	
	Seasonic SS-550HT	500W	3A	Win7 Ultimate	Pass	
	Thermaltake AH680A	580W	2.5A	Vista Ultimate SP2	Pass	
	Hunkey Multicore F1	600W	3A	Win7 Ultimate	Pass	
Known Issues	None					

PrinterDevices				Testing time: 0.25 hr/unit		
Procedure: 1. Insert/plug devices in USB, it should easy to install and doesn't have conflict problem. 2. Install driver then check if there are any error mark in device manager. 3. Process several printing jobs via the printer 4. System should work normally after resuming from S1, S3 and S4. 5. Uninstall driver, it should not have any error messages.						
Priority 1						
Type	Model	Connect Interface	O.S. Environment	Status	Chipset	
Parallel	HP Deskjet 1180c	LPT	WinXP Pro. SP3	Pass	HP 噴墨	
USB 2.0	Canon Pixma IP4500	USB78	Win7 Ultimate	Pass	Canon 噴墨，（同一廠牌同一界面擇一測試）	
	HP Photosmart D5168	USB910	Vista Ultimate SP2	Pass	HP, 噴墨	
Known Issues	None					

Removable H.D.D				Testing time: 0.4 hr/unit		
Transfer any files over 15 minutes to the removable HDD after resumed from suspend. Test Items of Priority 1 msut be finished in the first week of CUT2 Stage.						
Priority 1						
Type	Model	Connect Interface	O.S. Environment	Status	Remark	
USB 2.0	BenQ DP303	USB78	Win7 Ultimate	Pass	Y字接頭	

Removable H.D.D					Testing time: 0.4 hr/unit
Transfer any files over 15 minutes to the removable HDD after resumed from suspend. Test Items of Priority 1 must be finished in the first week of CUT2 Stage.					
Priority 1					
Type	Model	Connect Interface	O.S. Environment	Status	Remark
USB 2.0	Buffalo HD CE10TU2	USB56	Win7 Ultimate	Pass	1TB外接電 + 單一
	HD CE640U2	USB78	Win7 Ultimate	Pass	外接電 + 單一
	Coolermaster RX-250-STWN-GP	USB12	WinXP Pro. SP3	Pass	接2.5寸移動硬盤,同時支援E-SATA,USB接口 外接電 + 單一
	Datastorage PD-USB	USB_3_12	Vista Ultimate SP2	Pass	8个移动HDD外接電 + 單一
	Datastorage PD-SATA	USB56	Win7 Ultimate	Pass	可接3.5寸 IDE HDD&SATA HDD 外接電 + 單一
	Seagate Free Agent XTreme (1TB)	USB78	Win7 Ultimate	Pass	同時支持1394a,eSATA接口 外接電 + 單一
	Seagate Free Agent XTreme (1.5TB)	USB12	Vista Ultimate SP2	Pass	同時支持1394a,eSATA接口 外接電 + 單一
	Seagate ST903204EXM101 RK	USB56	Win7 Ultimate	Pass	320G 單一
	Seagate ST903203FGG201-RK	USB12	Win7 Ultimate	Pass	單一
	WD WD5000ME	USB56	Win7 Ultimate	Pass	單一
	WD WD5000H1CS	USB78	WinXP Pro. SP3	Pass	同時支援e-SATA,1394 interface 500G 外接電 + 單一
	WD My Book Studio Edition(1TB)	USB910	Vista Ultimate SP2	Pass	同時支持1394eSATA接口 外接電 + 單一
	Zynet D4-U2	USB1112	Win7 Ultimate	Pass	可接2.5吋 IDE HDD單一
USB3.0	Buffalo BUF-HD-HXU3	USB_3_12	Win7 Ultimate	Pass	3.5 Inch , 1TB 外接電標準 A-方口 B
	DOTOP-USB3.0-HARD DRIVE-160GB	USB_3_12	Rehat 5.4	Fail	臺北寄來2.5"移動硬盤 160GBUSB3.0 A公-迷你B 單接
	FREECOM HARD DRIVE XS 3.0 1TB-SSYABA	USB_3_12	Win7 Ultimate	Pass	3.5 Inch , 1000GB(1TB) 獨立供電,標準A-方口B
Known Issues	Bug#40				
Scanner Devices					Testing time: 0.33 hr/unit
Scan some documents and pictures after resumed from suspend.					
Type	Model	Connect Interface	O.S. Environment	Status	Remark
USB 2.0	Canon Canoscan 8800F	USB 56	Win7 Ultimate	Pass	
	HP Scanjet 3770	USB78	Win7 Ultimate	Pass	
	HP ScanJet-G3110	USB910	Vista Ultimate SP2	Pass	
Known Issues	None				
Speaker Devices					Testing time: 0.17 hr/unit
Verify the functionalities after resumed from suspend.					
Type	Model	Connect Interface	O.S. Environment	Status	Remark
Line out	Creative InspireT7700	Line Out	Win7 Ultimate	Pass	
	Creative T7900	Line Out	WinXP Pro. SP3	Pass	
	Edifier DA5000	Line Out	Win7 Ultimate	Pass	
Known Issues	None				
USB Flash Drives					Testing time: 0.33 hr/unit
Transfer any files over 15 minutes to the USB Flash Disk after resumed from suspend.					
Type	Model	Connect Interface	O.S. Environment	Status	Remark
USB 2.0	Apacer AH320	USB12	Win7 Ultimate	Pass	16GB
	Petita 2G	USB78	Win7 Ultimate	Pass	2G
	KingMax U20 4G	USB56	Win7 Ultimate	Pass	4G
	Transcend 32G	USB910	Win7 Ultimate	Pass	32G

USB Flash Drives

Testing time: 0.33 hr/unit

Transfer any files over 15 minutes to the USB Flash Disk after resumed from suspend.

Type	Model	Connect Interface	O.S. Environment	Status	Remark
USB 2.0	KingMax U208G	USB56	Win7 Ultimate	Pass	8GB
	KingMax U51AMMDBG	USB12	Win7 Ultimate	Pass	4GB
	Transcend JetFlash V60	USB12	Win7 Ultimate	Pass	32GB
	Aigo L8202	USB56	Win7 Ultimate	Pass	16GB
	Kingston DTI	USB78	Win7 Ultimate	Pass	2GB
	SanDisk BL0808NG	USB1112	Win7 Ultimate	Pass	16GB
	PNY Lovely	USB_3_12	Win7 Ultimate	Fail	16GB
	Teclast NYU-S2	USB910	Win7 Ultimate	Pass	16GB
Known Issues	Bug#12				