

## 2. Hardware Periphery Compatibility

### 2.1. Apple(R) iPod Series Deivce

[✓]: Win7 Ready

Type	Model		O.S. Environment
USB 2.0	iPod	iPod touch 8G	✓
		iPod Classic 160G	✓
	iPhone	iPhone 3GS 16G	✓
		iPhone 4 16G	✓
	iPad	iPad Wifi 16G	✓

### 2.2. Hard Drives

[✓]: Win7 Ready

Type	Model		O.S. Environment
SATA150	WD	WD WD1500ADFD	✓
SATA300	Hitachi	Hitachi HDP725050GLA360	✓
		Hitachi HDP725050GLA380	✓
		Hitachi HDS721010KLA330	✓
		Hitachi HDT721010SLA360	✓
		Hitachi HDS721010CLA332	✓
	Samsung	Samsung HD HD501LJ	✓
		Samsung HD321KJ	✓
		Samsung HD161HJ	✓
		Samsung HD501LJ	✓
		Samsung HD753LJ	✓
		Samsung HD502IJ	✓
		Samsung HD103UJ	✓
		Samsung HD103SJ	✓
	Seagate	Seagate ST3250310AS	✓
		Seagate ST3750640AS	✓
		Seagate ST3750330AS	✓
		Seagate ST31500341AS	✓
		Seagate ST31000528AS	✓
		Seagate ST3250310AS	✓

Type		Model	O.S. Environment
SATA300	Seagate	Seagate ST3500320NS	✓
		Seagate ST3500418AS	✓
		Seagate ST3500620SS	✓
		Seagate ST31000340NS	✓
		Seagate ST3160813AS	✓
		Seagate ST31000333AS	✓
		Seagate ST33000651AS	✓
	WD	WD WD800JD	✓
		WD WD1600AAJS	✓
		WD WD2500JS	✓
		WD WD3200AAKS	✓
		WD WD5000ABYS	✓
		WD WD5000AAKS	✓
		WD WD10EVVS	✓
		WD WD10EACS	✓
		WD WD20EADS	✓
		WD WD3000GLFS	✓
		WD WD6400AAKS	✓
		WD WD6401AALS	✓
		WD WD10EADS	✓
		WD WD22EADS	✓
		WD WD10EARS	✓
SSD	Adata	Adata SSD-064	✓
	G.skill	G.Skill FM-25S2S-064	✓
	Kingfast	Kingfast KF2501-128S-128	✓
	Mtron	Mtron MSD-SATA3525-032	✓
		Mtron MSD-SATA3525-016	✓
	OCZ	OCZ Core-Series-V2-120	✓
		OCZ Core-Series-V2-030	✓
		OCZ Core-Series-V2-060	✓
		OCZ 1VTX30G	✓
	Patriot	Patriot PE32GS25SSD-032	✓
	Transcend	Transcend TS32GSSD25S-M-032	✓

## 2.3. Video Cards

[✓]: Win7 Ready

Type	Model	O.S. Environment
ATi Chipset	<b>ASUS</b> ASUS EAH3450/HTP/512M/A (BIOS: V95C5.10.79.0.1.AS09)	✓
	ASUS EAH4350 SILENT/DI/512MD2 (BIOS: V954F.11.12.0.2.AS02)	✓
	ASUS EAH4870/2DI/1GD5 (BIOS: V9440.11.17.0.18.AS01)	✓
	ASUS EAH4890/HTDI/1GD5/A (BIOS: V9460.11.22.1.0.AS01 V9460.11.22.2.1.AS02)	✓
	ASUS EAH5450 SILENT/DI/1GD3 (BIOS: 68F9.12.16.0.2.AS01)	✓
	ASUS-EAH5550/DI/1GD3(C021P/LP) (BIOS: 68DA.12.17.0.4.AS01)	✓
	ASUS EAH5570 SILENT/DI/1GD2/A (BIOS: V68D9.12.19.0.3.AS01)	✓
	ASUS EAH5670/DI/1GD5/A (BIOS: 68D8.12.17.0.4.AS01)	✓
	ASUS EAH5750 FML/DI/512MD5/A (BIOS: 68BE.12.14.0.4.AS04)	✓
	ASUS-EAH5770 CUCORE/2DI/1GD5/A (BIOS: V68B8.12.15.0.0.AS02)	✓
	EAH5830 DIRECTCU/2DIS/1GD5 (BIOS: V689E.12.20.0.1.AS01)	✓
	ASUS EAH5850/2DIS/1GD5/A (BIOS: V6899.12.11.0.6.AS01)	✓
	ASUS EAH5870/2DIS/1GD5/A (BIOS: V6898.12.11.0.6.AS01)	✓
	ASUS EAH5970/2DS/2GD5/A (BIOS: 689C.12.13.0.2.AS03)	✓
	ASUS EAH6870/2DI2S/1GD5 (BIOS: V6738.13.6.0.6.AS01)	✓
	ASUS EAH6950/2DI2S/2GD5 (BIOS: V6719.13.8.0.9.AS01)	✓
	ASUS EAH6970/2DI2S/2GD5 (BIOS: V6718.13.8.0.9.AS01)	✓
	<b>DATALAND</b> DATALAND-HD5770/1GB/128 (BIOS: V012.019.000.003.000000)	✓
	<b>HIS</b> HIS HD4670/512MB/DDR3 ICEQ TURBO (BIOS: V011.013.000)	✓
	HIS HD4830/512MB/DDR3 (BIOS: V011.015.000)	✓
	<b>MAXSUN</b> MAXSUN MS-HD5670 512M (BIOS: V012.020.000.013.036884)	✓
	<b>Palit</b> Palit Radeon HD4850/512M/DDR3 (BIOS: V011.008.000)	✓
	<b>MAXSUN</b> MAXSUN MS-HD5670 512M (BIOS: V012.020.000.013.036884)	✓
	<b>Powercolor</b> Powercolor HD 5750/1GB/DDR5 (BIOS: 012.013.000.000.034633)	✓
	<b>Sapphire</b> Sapphire HD4850X2/2G/DDR3 (BIOS: V011.011.000)	✓
	Sapphire HD5450/512M (BIOS: 113-BAE15300-001)	✓
	<b>Unika</b> Unika HD5550 V512+ (BIOS: 012.018.000.001.035840)	✓
nVidia Chipset	<b>ASUS</b> ASUS EN8400GS SILENT/HTP/512M	✓
	ASUS EN9500GT /DI/1G/A(C729P) (BIOS: V62.94. 4B.00.AS18)	✓
	ASUS EN210/DI/512MD2/A (BIOS: 70.18.2D.00.AS01)	✓
	ASUS ENGT220/DI/1GD3/LP (C684P) (BIOS: V70.16.2E.00.AS01)	✓
	ASUS ENGT240/DI/1GD3/A (BIOS: V70.15.23.00.AS01)	✓
	ASUS-ENGT430/DI/1GD3 LP R1.01 (BIOS: 70.08.29.00.AS05)	✓
	ASUS-ENGTS250 DK/DI/1GD3/A(C393GP)R1.02 (BIOS: V62.92.7D.00.AS18)	✓
	(BIOS: V62.92.7D.00.AS13)	

Type	Model		O.S. Environment
<b>nVidia Chipset</b>	<b>ASUS</b>	ASUS ENGTS450 DIRECTCU/DI/1GD5 (BIOS: V70.06.0F.00.AS01)	✓
		ASUS ENGTX460/2DI/768MD5 (BIOS: V70.04.0B.00.AS01)	✓
		ASUS ENGTX460 DIRECTCU TOP/2DI/1G (BIOS: 70.04.13.00.AS02)	✓
		ASUS ENGTX465/2DI/1GD5/P1025 (BIOS: 70.00.39.00.AS05)	✓
		ASUS ENGTX470/2DI/1280MD5 (Bios: V70.00.39.00.AS01)	✓
		ASUS ENGTX480/2DI/1536MD5 (Bios: V70.00.21.00.AS02)	✓
		ASUS ENGTX570/2DI/1280MD5 (BIOS: V70.10.17.00.AS02)	✓
		ASUS ENGTX580/2DI/1536MD5 (BIOS: V70.10.17.00.AS01)	✓
	<b>BFG</b>	BFG GeForce9600GTD512M (BIOS: V62.94.11.00.14)	✓
	<b>EVGA</b>	EVGA GeForce9400GT 512M (BIOS: V62.94.29.00.40)	✓
	<b>Galaxy</b>	Galaxy-GT240-X5/V20/1GB (BIOS: V70.15.48.00.00)	✓
	<b>Gainward</b>	Gainward 9800GT/512M (BIOS: V62.92.6D.00.0G)	✓
	<b>Gigabyte</b>	Gigabyte GV-260C-896H (BIOS: V62.00.4C.00.01)	✓
	<b>PNY</b>	PNY GeForce9600GT 512M (BIOS: V62.94.21.00.51)	✓
	<b>Unika</b>	Unika 速配 2 GT220 V512+ (BIOS: 70.16.2E.00.07)	✓
	<b>XFX</b>	XFx GeForce 8600GTS (BIOS: V60.84.18.00.83)	✓
		XFx GeForce9500GT 512M (BIOS: V62.94.4B.00.71)	✓
		XFx GeForce GTS250 512MB (BIOS: V62.92.79.00.07)	✓
	<b>ZOTAC</b>	ZOTAC-GEFORCE210-TC512D2 (BIOS: 70.18.39.00.B4)	✓
<b>Other Chipset</b>	<b>Matrox</b>	Matrox Millennium P690 Plus LP/256MB (BIOS: V1.4 b05) (BIOS: V1.8 - 16)	✓
		Matrox G550 (BIOS: V1.5.015)	✓

## 2.4. Peripheral

[✓] : Win7 Ready

### 2.4.1. Audio

#### 2.4.1.1 Audio Decoder

Type	Model		O.S. Environment
<b>SPDIF</b>	<b>Logitech</b>	Z-5400 DIGITAL	✓
		Z5500 Digital	✓
	<b>DENON</b>	AVR-3311	✓

#### 2.4.1.2 Earphone Devices

Type	Model		O.S. Environment
<b>Earphone</b>	<b>AKG</b>	K701	✓
	<b>Philips</b>	SHM7410	✓
	<b>Beyerdynamic</b>	DT 880	✓
	<b>Sennhieser</b>	MX160	✓
<b>Ear-Mic</b>	<b>Somic</b>	EP-10	✓

#### 2.4.1.3 Microphone Devices

Type		Model	O.S. Environment
Dynamic	Audio-technica	AT-VD5	✓
	Somic	DANYIN-DM-021	✓
	Salar	M6	✓

#### 2.4.1.4 Sound Adapters

Type		Model	O.S. Environment
PCI	Terrate	Aureon Explorer 7.1	✓
PCIEX1	ASUS	XONAR HDAV1.3 DELUXE	✓
	Creative	X-Fi Ttreme	✓
USB 2.0	ASUS	Audio Xonar U1	✓

#### 2.4.1.5 Speaker

Type		Model	O.S. Environment
Line out	Creative	Gigaworks T20	✓
		T7900	✓
		InspireT7700	✓
	Edifier	DA5000	✓
	Logitech	Z-5500	✓
		Z-5400	✓
USB 1.1	Edifier	R10U	✓
	Logitech	V10	✓
		S-150 USB	✓
	Microlab	MD-521	✓

#### 2.4.2 Controller Cards

##### 2.4.2.1. 1394

Type		Model	O.S. Environment
PCI	PHIYO	1394A+B COMBO	✓
PCIEX1	Uzlab	PCIE/1394A	✓

##### 2.4.2.2. SATA

Type		Model	O.S. Environment
PCIEX1	HighPoint	Rocket620A	✓

##### 2.4.2.3. SATA RAID

Type		Model	O.S. Environment
PCIEX1	Adaptec	AAR-1220SA (BIOS: V6.0-0 Build 2330)	✓
	HighPoint	RocketRAID620 (BIOS: V1.0)	✓
		RocketRAID2300	✓

#### 2.4.3. Ethernet

##### 2.4.3.1. 100 BaseTx Networking Cards

Type		Model	O.S. Environment
PCI	TP-Link	TP-Link-TF-3239DL	✓
	Tenda	Tenda L8139D	✓
	Intel	Intel Pro/100s	✓
USB 2.0	Z-Tek	Z-Tek ZK-R07	✓

#### 2.4.3.2. 1000 BaseTx Networking Cards

Type	Model		O.S. Environment
PCI	Intel	Intel Pro/1000GT	✓
	ASUS	ASUS NX1101	✓
	TP-Link	TP-Link-TG-3269C	✓
PCIEX1	Intel	1000PT	✓
	EVGA Kille	EVGA Killer XENO Pro	✓
	Netcore	Netcore 7010Net	✓
	Syskonnect	Syskonnect SK-9E21D	✓

#### 2.4.3.3. Networking Hubs/Switchs/Routers

Type	Model		O.S. Environment
Switch	ASUS	GIGAX1105	✓
		GIGAX1108N	✓
		GIGAX1124X	✓
		GIGAX2124X	✓
		GX-D1241	✓
	D-Link	DES-1008D	✓
		DGS-1008D	✓
		DGS-1008T	✓
		DES-1016D	✓
	H3C	S5024P	✓
	Linksys	SD2008	✓
		SD208	✓
	Netgear	GS608	✓
		FS608	✓
	Netcore	NSW1324M	✓
Router	ASUS	RX3042HC	✓
	D-Link	DI-604+	✓
	H3C	ER5002	✓
	Linksys	RV042	✓
	Netgear	RP614	✓

#### 2.4.3.4. Wireless Networking

Type	Model		O.S. Environment
PCI	D-Link	DWA-547	✓
USB2.0	D-Link	DWA-131	✓
	Netgear	WN111	✓
	ASUS	USB-N13	✓
	D-LINK	DWA-160	✓
	Linksys	WUSB54G-N	✓

#### 2.4.3.5. Wireless LAN Access Point

Type	Model		O.S. Environment
AP	ASUS	RT N15	✓
	Buffalo	WZR2-G300N	✓
	D-Link	DIR-635	✓
	Linksys	WRT160N	✓
	Netgear	WNDR3300	✓

#### 2.4.4. Fans and Heatsinks

Type	Model		O.S. Environment
Intel 1155	COGAGE	True Spirit	✓
	CoolerMaster	N620	✓
		V8	✓
		V10	✓
	Deepcool	冰凌 400 黑玉至尊版	✓
	Intel	Black Edition Product Fan (E88216 0.45A Sample)	✓
		Product Fan (E41747) 0.2A	✓
		Product Fan (E41759) 0.2A	✓
		Product Fan (E41997) 0.17A	✓
		Product Fan (E41759) 0.6A	✓
		XTS100H	✓
	PCcooler	刀仔熱管版 HP-829	✓
		Q版火鳥 SPA-801	✓
		紅海 MINI HP-825	✓
		紅海 至尊版 HP-9310E	✓
	SilverStone	NT01 Evolution	✓
		NT06-E Evolution	✓
	Thermalright	Ultra 120 Extreme	✓
		AXP-140	✓
	Thermaltake	Contac 29	✓
		ISGC-400	✓
		SpinQ	✓
		V1	✓
	ZALMAN	CNPS10X Extreme	✓
		CNPS9900 LED	✓

#### 2.4.5. Keyboards/Mice

##### 2.4.5.1. Keyboards

Type	Model		O.S. Environment
Bluetooth	Logitech	Y-RCP140	✓
		MX5500 Revolution	✓
	Microsoft	Wireless Entertainment Desktop 6000	✓
PS/2	Win2	X7 G800	✓

Type	Model		O.S. Environment
USB 1.1 / USB 2.0	Apple	MB110LL/A	✓
	Cherry	G80	✓
	Dell	SK-8135	✓
	Microsoft	Natural	✓
		Ergonomic Keyboard4000	✓
		Reclusa	✓
	Majestouch	Filco Fkbn104ML/EB	✓
	LG	ST510U	✓
	Logitech	G19	✓
	Razer	Lycosa	✓
		Tarantula-VZ03	✓
		Arctosa-RZ03-0026	✓

#### 2.4.5.2. Keyboard + Mice Combos

Type	Model		O.S. Environment
Bluetooth	Logitech	Desktop Wave	✓
	Microsoft	Wireless Desktop 3000	✓
		Wireless Entertainment Desktop 8000	✓
	WIN2	G7600	✓
PS/2	Logitech	SU61	✓
		G1	✓
		MK100	✓
	RAPOO	N3900	✓
USB1.1/USB2.0	Microsoft	Wireless Optical Desktop Elite	✓
	Logitech	Cordless Desktop S510	✓
		Y-RCP140	✓
		Cordless Desktop MX3200 Laser	✓
	T.C.STAR	KIT9901	✓
	Razer	Abussus Essential Gaming Bundle	✓
	MSI	Wireless Combo 630	✓

#### 2.4.5.3. Mice

Type	Model		O.S. Environment
Bluetooth	ASUS	MS7124-WHT/RF2.4	✓
	Logitech	MX-R	✓
PS/2	Win2	OP-220	✓
	Logitech	Wheel Mouse	✓
	Huaerte	H33-Optical mouse	✓
Serial	Win2	OK-720	✓



Type	Model		O.S. Environment
USB 1.1/ USB 2.0	Apple	M5769	✓
	Lenovo	LS-1000	✓
	Logitech	Gaming Mouse G500	✓
		G5	✓
	Icon7	Z500 Gaming laser mouse MZ01	✓
	Microsoft	Explorer 4.0	✓
		Sidewinder X3	✓
	Philips	SPM1700	✓
	Elecom	Scope Node400	✓
	Steelseries	XAI Laser	✓
	Razer	Lachesis	✓
		NAGA-RZ01-0028	✓
		Abussus Essential	✓

#### 2.4.6 Monitor

Type	Model		O.S. Environment
D-Sub	Acer	T230H	✓
	AOC	201V	✓
		2216VW+	✓
		619FH	✓
		F19	✓
		716sw	✓
	ASUS	LS201	✓
		MW221U	✓
		PG221	✓
		TLW32001D	✓
		VE276Q-A	✓
		VK191T	✓
		VW193T	✓
		VW223B	✓
	BenQ	E2220HDP	✓
		FP94VW	✓
		FP222WH	✓
		G2400W	✓
	Dell	2407WFP	✓
		2408WFP	✓
		3008WFP	✓
		U2711	✓
	HP	W2408H	✓

Type	Model		O.S. Environment
<b>D-Sub</b>	<b>LG</b>	<b>L204WT</b>	✓
		<b>32LH20RC</b>	✓
		<b>L226WTQ</b>	✓
		<b>W2442PA</b>	✓
	<b>Hannsg</b>	<b>HG281D</b>	✓
	<b>Philips</b>	<b>220EW8</b>	✓
		<b>220XW8</b>	✓
		<b>240BW8</b>	✓
	<b>MAYA</b>	<b>W221D</b>	✓
	<b>Panasonic</b>	<b>TH-42PV8C</b>	✓
	<b>Samsung</b>	<b>2033SW</b>	✓
		<b>214T</b>	✓
		<b>2232GW+</b>	✓
		<b>225UW</b>	✓
		<b>2343BW</b>	✓
		<b>740NW</b>	✓
		<b>T220</b>	✓
		<b>225MS</b>	✓
		<b>2493HM</b>	✓
	<b>Sony</b>	<b>KL V46X200A</b>	✓
	<b>Toshiba</b>	<b>42C3000C</b>	✓
		<b>42RV500G</b>	✓
	<b>Viewsonic</b>	<b>VA1716w</b>	✓
		<b>VA2016w</b>	✓
		<b>VP950B</b>	✓
		<b>VX2640W</b>	✓
<b>DVI</b>	<b>AOC</b>	<b>201V</b>	✓
		<b>2216VW+</b>	✓
		<b>619FH</b>	✓
		<b>F19</b>	✓
	<b>Acer</b>	<b>T230H</b>	✓
	<b>ASUS</b>	<b>LS201</b>	✓
		<b>MW221C</b>	✓
		<b>MW221U</b>	✓
		<b>PG221</b>	✓
		<b>VK191T</b>	✓
		<b>VW193T</b>	✓
		<b>VW202T</b>	✓
	<b>BenQ</b>	<b>E2220HDP</b>	✓
		<b>FP222WH</b>	✓
		<b>FP94VW</b>	✓
		<b>G2400W</b>	✓
	<b>Dell</b>	<b>2407WFP</b>	✓
		<b>3008WFP</b>	✓
		<b>2408WFP</b>	✓

Type	Model		O.S. Environment
<b>DVI</b>	<b>Dell</b>	<b>U2711</b>	✓
	<b>HP</b>	<b>LP3065</b>	✓
	<b>Hannsg</b>	<b>HG281D</b>	✓
	<b>LG</b>	<b>L204 WT</b>	✓
		<b>L226WTQ</b>	✓
		<b>W2442PA</b>	✓
	<b>MAYA</b>	<b>W221D</b>	✓
	<b>Panasonic</b>	<b>TH-42PV8C</b>	✓
	<b>Philips</b>	<b>220EW8</b>	✓
		<b>220XW8</b>	✓
		<b>240BW8</b>	✓
	<b>Samsung</b>	<b>2033SW</b>	✓
		<b>214T</b>	✓
		<b>2232GW+</b>	✓
		<b>225MS</b>	✓
		<b>225UW</b>	✓
		<b>2343BW</b>	✓
		<b>T220</b>	✓
		<b>2233RZ</b>	✓
		<b>2493HM</b>	✓
	<b>Viewsonic</b>	<b>VP231wb</b>	✓
		<b>VP950B</b>	✓
		<b>VX2640W</b>	✓

#### 2.4.7. Optical Drives

Type	Model		O.S. Environment
<b>SATA</b>	<b>ASUS</b>	<b>ASUS BC-1205PT</b>	✓
		<b>ASUS DRW-24B1ST</b>	✓
		<b>ASUS DRW-24B3ST</b>	✓
		<b>ASUS BR-04B2T</b>	✓
		<b>ASUS DVD-E818A6T</b>	✓
		<b>ASUS DVD-E818A7T</b>	✓
		<b>ASUS DRW-24B1LT</b>	✓
		<b>ASUS BC-08B1LT</b>	✓
	<b>BenQ</b>	<b>BenQ DW240S</b>	✓
	<b>LG</b>	<b>LG GH22NS30</b>	✓
		<b>LG GH22NS40</b>	✓
		<b>LG GH22NS50</b>	✓
		<b>LG GGW-H20L</b>	✓
	<b>Lite-On</b>	<b>Lite-On IHAS322</b>	✓
		<b>Lite-On DH-20A3S</b>	✓
		<b>Lite-On IHOS104</b>	✓
		<b>Lite-On IHAS524</b>	✓
		<b>Lite-On IHAS324</b>	✓
		<b>Lite-On IHAS120</b>	✓

Type	Model		O.S. Environment
	MSI	MSI DH-24AS	✓
	Pioneer	Pioneer-BDR-S05XLB	✓
		Pioneer DVR-216BK	✓
		Pioneer DVR-219CHV	✓
	Plextor	Plextor PX-880SA	✓
	Samsung	Samsung SH-S223C	✓
		Samsung SH-S223	✓
	Sony	Sony AD-7241S	✓
		Sony BWU-300S	✓
USB2.0	APACHI	APACHI BLACK PEARL	✓
	ASUS	ASUS SBC-04D1S-U	✓
		ASUS SDRW-08D1S-U	✓
		ASUS SDRW-08D2S-U	✓
		ASUS-SBC-06D1S-U	✓
	LG	LG GE20LU10	✓
		LG GSA-E50L	✓
	Lite-On	Lite-On eSAU108	✓
	MSI	MSI UO800	✓
	Pioneer	Pioneer DVR-X162	✓

#### 2.4.8 Power Supplies

	Model	O.S. Environment
ASUS	P-50GA	✓
	ASUS P-55GA	✓
	ASUS U-65GA	✓
	ASUS U-75HA	✓
Antec	EA500	✓
	EA-380	✓
Be quiet	BQT E6-450W	✓
	BQT L6-UA-350W	✓
Bubalus	PE600WJD	✓
CoolerMaster	RS-B00-AAAA-A3	✓
	RS-C50-EMBA-D2	✓
	RS-850-EMBA	✓
	RS-430-ASAA	✓
	RS-460-ASAA-D3	✓
Corsair	CMPSU-550VX	✓
	CMPSU-650HX	✓
	CMPSU-750TX	✓
Century Star	Diamond500+	✓
	ST-ATX340	✓
COMMANDER	IRP-COM750	✓
Delux	DLP-650PG	✓

Model		O.S. Environment
<b>EnerMAX</b>	<b>EGA1000EWL</b>	✓
<b>FSP</b>	<b>ATX-300PNR</b>	✓
<b>GoldenField</b>	<b>860ELA</b>	✓
<b>GreatWall</b>	<b>BTX-600SE</b>	✓
	<b>BTX-400SD</b>	✓
<b>Huntkey</b>	<b>多核R85</b>	✓
	<b>Multicore F1</b>	✓
	<b>HugeRock500</b>	✓
	<b>冷靜王鉅石版Win7</b>	✓
	<b>HK1000-11PEP-X7 900</b>	✓
<b>Segotep</b>	<b>SG-850EPS</b>	✓
<b>OCZ</b>	<b>OCZ700MXSP</b>	✓
	<b>Sliencer 750W</b>	✓
<b>SAMA</b>	<b>YUHUI 350P</b>	✓
<b>Seasonic</b>	<b>SS-850EM</b>	✓
	<b>SS-550HT</b>	✓
<b>Seventeam</b>	<b>ST-400EAF-05F</b>	✓
	<b>ST-522HLP</b>	✓
	<b>ST550EAJ-05F</b>	✓
	<b>ST-750P-AF</b>	✓
<b>Sharkoon</b>	<b>SHA-R600M</b>	✓
<b>Silverstone</b>	<b>SST-ST40F-ES</b>	✓
<b>Tagan</b>	<b>TG1100-U33</b>	✓
<b>Thermaltake</b>	<b>Toughpower Power Express 650W</b>	✓
	<b>AH680A</b>	✓
	<b>Toughpower 1200W</b>	✓
	<b>Toughpower 1500W</b>	✓
<b>TOPower</b>	<b>TOP-500P5</b>	✓

## 2.4.9. Printers/Scanners

### 2.4.9.1. Printer

Type	Model		O.S. Environment
USB 2.0	Canon	MX308	✓
		Pixma IP4500	✓
	Epson	Office 360	✓
	HP	ColorLaserjet 1600	✓
		Photosmart D5168	✓

#### 2.4.9.2. Scanner

Type	Model		O.S. Environment
USB 2.0	Canon	Canoscan 8800F	✓
	Epson	Office 360	✓
		Perfection V30	✓
	HP	ScanJet-G3110	✓
	Microtek	Scanmaker-S460	✓

#### 2.4.10. TV Cards

Type	Model		O.S. Environment
PCI	Aver	Super 009	✓
	Compro	Vista H900F	✓
PCIEX1	Aver	Media H727	✓
	Compro	E800F	✓
		E900F	✓
USB 2.0	10Moons	UT822	✓
	Aver	A833	✓
	Aver	A855i	✓
	MyGica	UT550	✓

#### 2.4.11 USB Storage

##### 2.4.11.1 Card Readers

Type	Model		O.S. Environment
USB 2.0	SSK	SCRM010	✓
	ATP	ProMax	✓
	Transcend	Multi Card Reader TS-RDM3	✓

##### 2.4.11.2 External Enclosures

Type	Model		O.S. Environment
USB 2.0	ASUS	VENTO-PORTABLE	✓
	BenQ	DP303	✓
	Buffalo	HD CE640U2	✓
	EPS	S500-1	✓
	HITACHI	X320-320G	✓
	Maxtor	Stm315005ehm301-Rk	✓
	Netac	K200-500G	✓
	Samsung	G2 HX-MU050DC/GL2	✓
	STARDOM	SR3610-2S-SB2	✓
	Seagate	ST903203FGG201-RK	✓
		ST905004EXM101-RK	✓
		Free Agent XTreme (1TB)	✓
	Toshiba	SK250Q3-320G	✓
	WD	WD5000H1CS	✓
		My Book Studio Edition(1TB)	✓
		My Book Studio Edition II	✓
	Newsmy	YIJIAN USB2.0/E-320G	✓
	Zynet	D4-U2	✓

### 2.4.11.3 Floppy Drives

Type	Model		O.S. Environment
USB 1.1	Mitsumi	D353FUE	✓
	Sony	MPF82E-U1	✓

### 2.4.11.4 USB Flash Devices

Type	Model		O.S. Environment
USB 2.0	Adata	C903	✓
	AIGO	L8202	✓
	Apacer	AH302	✓
		HE320	✓
	Corsair	Flash Voyager	✓
	IMate	Combo driver	✓
	KingMax	Super Stick mini	✓
		U208G	✓
		U204G	✓
	Kingston	DT G2	✓
		DT150	✓
		DT100	✓
		DT120	✓
		DTI	✓
	KingSpec	KSD-eSA.1-008MJ	✓
	Netac	U235	✓
	PNY	Lovely Attache	✓
	PQI	U262	✓
		U273	✓
	Sandisk	Cruzer Micro CZ6	✓
		BL0808NG	✓
	Teclast	CF32G	✓
	Toshiba	K2FMG	✓
	Transcend	JetFlash V60	✓

### 2.4.11.5 USB Hubs

Type	Model		O.S. Environment
USB 2.0	Apacer	PH151	✓
	Belkin	F5U237	✓
	D-Link	Dub-H4	✓
	Z-tek	ZE341	✓
	Dell	2408WFP(Monitor)	✓

#### 2.4.12. Others Input Device:

##### 2.4.12.1 Bluetooth Adapter

Type		Model	O.S. Environment
USB 1.1	CCK	D92	✓
	LINKSYS	USBBT100	✓
USB 2.0	MSI	STARKEY 2.0	✓
	BILLIONTON	GUBTCR421-BI-GL	✓
	AIBO-MINI	V2.0-DCAD02	✓

##### 2.4.12.2 Digital Camcorders

Type		Model	O.S. Environment
USB 2.0	Sony	HDR-SR7E	✓

##### 2.4.12.3 Digital Cameras

Type		Model	O.S. Environment
USB 2.0	Canon	IXUS 850IS	✓
	Kodak	P850	✓
	Nikon	D40X	✓
	Panasonic	DMC-FZ20	✓
	Sony	Cybershot DSC-T9	✓

##### 2.4.12.4 Tablets

Type		Model	O.S. Environment
USB 2.0	Wewa	CHUNQIU DYNASTY-V9.1	✓
	Hanwang	MSL0504	✓
	PenPower	Touch Pad PD8UE	✓
	Wacom	Bamboo-CTH-460/K0-C	✓

##### 2.4.12.5 PC Game Controller

Type		Model	O.S. Environment
USB 1.1	Betop	Hawk BTP-C036	✓
	Logitech	Extreme 3D PRO	✓
	Logitech	G25 Racing wheel	✓
	Saitek	Aviator AV8R-01	✓
USB 2.0	Microsoft	XBOX 360 Controller	✓
	NAZAR	GPC V48-0026	✓

##### 2.4.12.6 Web Cams

Type		Model	O.S. Environment
USB 2.0	Logitech	C500	✓
		C200	✓
	Microsoft	LifeCam Cinema	✓
	Topspeed	Huihuang05	✓
		T68	✓
	10Moons	T24	✓
	DaHeAiSha	Classics 100	✓
	Teclast	TL-W900-NDS2W	✓



## 2.4.13 UPS device

### 2.4.13.1 UPS

Type	Model		O.S. Environment
Serial	APC	APC Smart-UPS 1000VA	✓

**Note:**

**A.** New devices and products are launched rapidly.

To ensure the optimum product compatibility, ASUS adopts compound combinations and mixed tests to examine multiple operating systems and devices.

**B.** ASUS sincerely invite equipment manufacturers to create a win-win cooperation on increasing product compatibility. Please contact us via local service centers or the e-mail provided below: [David.Hung@asus.com](mailto:David.Hung@asus.com)

## PART C. PERFORMANCE MEASUREMENT

### 1. Microsoft Windows Win7-64 Operating System

(Maintained by Jimmy\_zhu)

#### Hardware environment:

- M/B: P8H61-M LE
- PCB Version: V1.01
- CPU Intel(R) Core(TM) i7-2600K CPU 3400MHz,cache 8MB/EM64T
- DRAM: 4096MB (DDR3-1333 2048MB \* 2) Corsair TW3X4G1333C9A
- Storage Controller: On-board IDE controller
- Serial ATA HD: WD WD1500HLFS (SATAII 300)
- VGA: ASUS ENGTX480
- Audio: On-board Realtek ALC 887
- Pointer: ASUS USB Mouse

#### Software and BIOS environment:

- BIOS Version:0204
- BIOS Setting: Optimized Defaults
- VGA driver Version: Nvidia 260.99 WHQL
- Audio driver Version: V 6.0.1.6251
- Chipset driver Version: V9.2.0.1021
- Direct X: Microsoft DirectX 10
- VGA Resolution: 1280 x 1024, 32Bits colors 75 Hz refresh rate, small font
- O.S: Windows Win7-64bit Ultimate

#### 1.0 CPU-Z V1.56

CPU Status	Intel(R) Core(TM) i7-2600K 3400MHz
Internal Clock	100
CAS # Latency	9
RAS # to CAS Delay	9
RAS # Precharge	9
Cycle Time (Tras)	24

1. Execute program.
2. Check CPU, Memory information.

#### 1.1 SiSoft Sandra 2010 SP4

CPU Benchmark \ CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
Whetstone iSSE3	83.63

Memory Benchmark \ CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
RAM Bandwidth Int Buff'd iSSE2 (GB/s)	16.26
RAM Bandwidth Float Buff'd iSSE2 (GB/s)	16.13

1. Execute program.
2. Execute "Benchmark" item.
3. Running "Processor Arithmetic" CPU benchmark test.
4. Running "Memory Bandwidth" Memory benchmark test.

#### 1.2 PCMark 05 Build 120

CPU Score \ CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
Score	12758

Memory Score \ CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
Score	12588

HD Score \ CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
Score	6697

1. Execute program.
2. Execute "Select" item.
3. Select CPU, Memory, and HDD test item.
4. Execute "Run PCMark" item.

### 1.3 PCMark Vantage(for Win7)

PCMark Vantage \ CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
PCMark Suite	10122
Memories Suite	7540
TV and Movies Suite	5737
Gaming Suite	10486
Music Suite	8668
Communications Suite	12256
Productivity Suite	8118
HDD Suite	4165

1. Execute program.
2. Execute "Run Benchmark" item.

### 1.4 3D Mark06 Build 110

3D Mark06 \ CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
Score	10316

1. VGA Resolution: 1280 x 1024, 32Bits
2. Execute program.
3. Execute "Run 3DMark" item.

### 1.5 3D Mark Vantage Build 101

3D Mark Vantage \ Performance Mode \ Intel(R) Core(TM) i7-2600K 3400MHz	Single Mode	SLI Mode	3 Way SLI Mode
Score	23123	N/A	N/A

1. VGA Resolution: 1280 x 1024, 32Bits
2. Execute program.
3. Execute "Run Benchmark" item.

### 1.7 3D Mark11 Build 101

3D Mark11 \ Performance Mode \ Intel(R) Core(TM) i7-2600K 3400MHz	Single Mode	SLI Mode	3 Way SLI Mode
Score	4988	N/A	N/A

1. VGA Resolution: 1280 x 720, 32Bits
2. Execute program.
3. Execute "Run Benchmark" item.

### 1.9 Company of heroes

Company of heroes \ CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
Score	59.1fps

1. VGA Resolution: 1280 x 1024, 32Bits
2. Execute program.
3. Select "options" item.
4. Select "Graphics" item.
5. Select "Performance test" item.

### 1.10 Supreme commander

Supreme commander \ CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
Score	18354

1. VGA Resolution: 1280 x 1024, 32Bits
2. In the execute file of game, press the right key choice "Properties" item.
3. Add Character: " /perf".
4. Press"OK".
5. Execute Game.

### 1.11 Unreal Tournament 3 Demo Patch5

Unreal Tournament 3 Demo \ High level \ CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
Score	268

### 1.12 Crysis

Benchmark_Gpu \ High level \ CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
Score	49

### 1.13 Devil May Cry 4

Benchmark \ Scene 1 CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
Score	269.35

### 1.15 SPEC ViewPerf V11.0

SPEC ViewPerf \ CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
Catia-03	6.46
Ensign-04	36.2
Lightwave-01	12.88
Maya-03	8.92
Proe-05	1.38
Sw-02	7.89
Tcvis-02	0.86
Snx-01	3.04

1. Execute "Run Tests 1280x1024" item.

### 1.16 Bapco SYSmark 2007 Preview Patch 5(for Win7)

SYSmark 2007 Preview \ CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
SysMark 2007 Preview	227
E-Learning	211
Video Creation	251
Productivity	165
3D	281

1. Execute program.
2. Select "Begin Test" item.

### 1.17 WPrime V2.0 (Less is Better)

32M (Speed test) \ CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
Score	7.388

### 1.18 Winrar 3.8

Benchmark test \ CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
Score	3436

### 1.19 RightMark Audio Analyzer V6.2.1 (16 bit/ 44.1KHz)

#### Testing environment:

- CPU: Intel(R) Core(TM) i7-2600K CPU 3400MHz
- DRAM: 4096MB (DDR3-1333 2048MB \* 2) Corsair TW3X4G1333C9A
- Serial ATA HD: Seagate ST3120813AS (SATAII 300)
- VGA: ASUS ENGTX480
- Audio: On-board Realtek ALC887 (V 6.0.1.6251)
- O.S: Windows7 Ultimate

Noise Level (-dBA) \ CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
Score	-81.5

Dynamic rang (dBA) \ CPU Type	Intel(R) Core(TM) i7-2600K 3400MHz
Score	81.5

## 1.20 NetIQ Chariot Testing (for On-board LAN)

### Endpoint A:

- M/B: P8H61-M LE with Intel(R) Core(TM) i7-2600K CPU 3400MHz
- DRAM: 4096MB (DDR3-1333 2048MB\*2) CORSAIR-TW3X4G1333C9A
- Serial ATA HD: Seagate ST31000528AS
- VGA: ASUS ENGTX480
- LAN: On-board Realtek RTL8111E (V7.23.623.2010)
- NetIQ Performance Endpoint V6.40.90
- NetIQ Chariot Console V5.4
- O.S: Windows Win7-64bit Ultimate

### Endpoint B:

Client \* 3:

- M/B: P4S8L with Intel Celeron-2200 CPU
- PCB Version: V1.02
- BIOS: 1002.001
- DRAM: 256MB (DDR1-266 128MB \* 2) Nanya NT128D64S88A0G-7K
- IDE: Maxtor 6Y080L0 (ATA133)
- VGA: On-board VGA SiS 651
- LAN: On-board LAN Broadcom BCM5702
- O.S: Windows 2003 Server Enterprise Edition + Service Pack 1

Throughput Test \ LAN Type	On-board Realtek RTL8111E
<b>Tx (Mbps)</b>	933.837
<b>Rx (Mbps)</b>	913.336

1. Setting client and server IP address.
2. Execute Chariot program.
3. Endpoint A and Endpoint B fill in client and server IP address.
4. Execute "Run".