

Manufacturer	Item Description	Test Results	Reference	Revision Firmware Stepping
<b>LGA 1156 Processor (Lynnfield)</b>				
Intel	Intel® Xeon® CPU X3440 @ 2.53GHz/8T/1333MHz/8M/95W/Quad Core	PASS	(ES, 4C, HT, 2.52GHz, 133MHz IMC, 4x 256kB L2, 8MB L3)	
Intel	Intel® Xeon® CPU X3450 @ 2.67GHz/8T/1333MHz/8M/95W/Quad Core	PASS	(ES, 4C, HT, 2.65GHz, 133MHz IMC, 4x 256kB L2, 8MB L3)	
Intel	Intel® Xeon® CPU X3460 @ 2.80GHz/8T/1333MHz/8M/95W/Quad Core	PASS	(ES, 4C, HT, 2.79GHz, 133MHz IMC, 4x 256kB L2, 8MB L3)	
Intel	Intel® Xeon® CPU X3470 @ 2.93GHz/8T/1333MHz/8M/95W/Quad Core	PASS	(ES, 4C, HT, 3GHz, 133MHz IMC, 4x 256kB L2, 8MB L3)	
Intel	Intel® Xeon® CPU X3480 @ 3.07GHz	PASS	(ES, 4C, HT, 3.18GHz, Turbo, 2.4GHz IMC, 4x 256kB L2, 8MB L3)	
<b>LGA 1156 Processor (Clarkdale)</b>				
Intel	Intel® Core™ CPU i3 530 @ 2.93GHz/1333MHz/4M/73W/Dual Core	PASS	Intel® Core™ i3 CPU 530 @ 2.93GHz (ES, 2C, HT, 3GHz, 2.13GHz IMC, 2x 256kB L2, 4MB L3)	
Intel	Intel® Core™ CPU i3 540 @ 3.06GHz/1333MHz/4M/73W/Dual Core	PASS	Intel® Core™ i3 CPU 540 @ 3.07GHz (ES, 2C, HT, 3GHz, 2.13GHz IMC, 2x 256kB L2, 4MB L3)	
Intel	Intel® Pentium® G6950 @ 2.80 GHz (Core Stepping: C2)	PASS	Intel® Pentium® CPU G6950 @ 2.80GHz (ES, 2C, 2.79GHz, 2GHz IMC, 256kB L2, 3MB L3)	
Intel	Intel® Pentium® G6950 @ 2.80 GHz (Core Stepping: K0)	PASS	Intel® Pentium® CPU G6950 @ 2.80GHz (2C, 2.79GHz/2.8GHz, 2GHz IMC, 256kB L2, 3MB L3)	
<b>Unbuffer Memory</b>				
Adata	PC3-10700 1G U-DIMM	PASS	AD3E1333B1G9-BELF	A-Data 1GB ECC DIMM DDR3 PC3-10700E DDR3-1334 (9-9-9-25 4-34-10-5)
Apacer	PC3-10700 1G U-DIMM	PASS	7801GC8422	2010375
ATP	PC3-10700 1G U-DIMM	PASS	AQ28M72D8BJH9S	
ATP	PC3-10700 2GB	PASS	AQ56M72E8BJH9S : 2GB PC3-10700 ECC/UNB	
Micron	PC3-12800 2GB	PASS	Crucial CT25672BD160B : (Micron MT9KSF25672AZ-1G6M1ZG) UNB/ECC 1.35V SR x8; Validated at DDR3-1066 speed	
Transcend	PC3-14900 4GB	PASS	TS512MLK72V8N UNB/ECC ; Validated at DDR3-1333 speed	
<b>Register Memory</b>				
Adata	4GB ECC REG PC3-10600 R-DIMM	PASS	HY93I1C18C3ZM (Hynix Chipset)	HY93I1C18C3ZM ECC DIMM Registered DDR3 PC3-10700

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Adata	4GB ECC REG PC3-10600 R-DIMM	PASS	HY93I1C36C5ZJ (Hynix Chipset)	HY93I1C36C5ZJ ECC DIMM Registered DDR3 (798MHz) PC3-10700 (6-6-6-16 4-22-6-3)
Adata	4GB ECC REG PC3-10600 R-DIMM	PASS	HY93I1C36CCZM (Hynix Chipset)	HY93I1C36CCZM ECC DIMM Registered DDR3 (798MHz) PC3-10700 (6-6-6-16 4-22-6-3)
Adata	8GB ECC REG PC3-10700 R-DIMM	PASS	HY93I1D36C5ZS (Hynix H5TQ2G83BFR H9C 049E chip)	8GBx36 PC3-10700 REG/ECC 240 Pin 4Rank
Apacer	2GB ECC REG PC3-10600 R-DIMM	PASS	P/N: 78.A1GCC.421	PC3-10700H (667 MHz)
Apacer	4GB ECC REG PC3-10600 R-DIMM	PASS	78.B1GDR.4210C(ELPIDA Chipset)	
ATP	1GB ECC REG PC3-10600 R-DIMM	PASS	AL28M72A8BJH9S 1GB	DDR3 PC3-10700R DDR3-1334 (9-9-9-24 4-33-10-5)
Wintec	2GB ECC REG PC3-10600 R-DIMM	PASS	2GB ECC REG DDR3-1334 (9-9-9-25 4-34-10-5)	3SR3294E-13
<b>SATA 3.5" HDD</b>				
HITACHI	250GB, 7200 rpm, SATA-II 3.5 " , NCQ	PASS	Deskstar T7K500	HDT725025VLA380
Seagate	320GB, 7200 rpm, SATA-II 3.5 " , NCQ	PASS	Barracuda 7200.10	ST3320820AS
WD	400GB, 7200 rpm, SATA-II 3.5 "	PASS	Caviar® SE16	WD4000AAKS
<b>SATA DOM</b>				
Innodisk	SATADOM D150SV-L 1GB (SATA300, 2.5", SSD)	PASS	SATADOM D150SV-L 1GB (SATA300, 2.5", SSD)	DES8-01GJ3QAC1SS Version : 110520B
Innodisk	SATADOM D150SV 1GB (SATA300, 2.5", SSD)	PASS	SATADOM D150SV 1GB (SATA300, 2.5", SSD)	DES9-01GJ3QAC1SS Version : 110520B
<b>SSD</b>				
Intel	Intel 3Gb/s SATA SSD 32GB 5V 1A	PASS	SSDSA2SH032G1GN 2.5" 3Gb/s SSD 32G 5V 1A	Version : 045C8790
<b>NIC CARDS (see motherboard section for LOM)</b>				
Intel	INTEL PRO/1000PT Dual Port Gigabit Server Adapter, PCI-E x 4	PASS		
Intel	INTEL PRO/1000PT Gigabit Server Adapter, PCI-E x1	PASS		
<b>HBA &amp; RAID</b>				
3 Ware	3ware 9690SA-4I4E SATAII RAID Card, PCI-E x8 , 4 Ports	PASS		
Adaptec	Adaptec 3805 8-port PCIe SAS RAID Kit , PCI-E x 4	PASS		
Areca	Areca ARC-1210 SATAII RAID card, PCI-E x 8 , 4 Ports	PASS		
Intel	Intel SRCAS18E 8ports PCI-E SAS/SATA RAID card, PCI-E x 8	PASS		
Intel	Intel SRCATAWB 8ports PCI-E SATA RAID card, PCI-E x 4	PASS		
LSI	LSI MegaRAID SAS 8204ELP SAS/SATA , PCI-E x 4 , 4 Ports	PASS		
<b>ODD</b>				



Manufacturer	Item Description	Test Results	Reference	Revision Firmware Stepping
Pioneer	Pioneer DVR-X122 USB DVDRW	PASS	DVR-X122	
	<b>SATA DVD/CD-RW (half height)</b>			
Pioneer	Pioneer DVR-212 18X SATA DVDRW	PASS	DVR-212	
TEAC	TEAC DV-W28EC-PUBA USB DVDRW	PASS	DV-W28EC-PUBA	
	<b>FDD</b>			
MITSUMI	MITSUMI D353FUE, USB ,1.44MB	PASS	D353FUE	
	<b>USB device</b>			
BELKIN	BELKIN Hi-speed USB 2.0 4-Port Lighted Hub	PASS		F5U403
Kingston	Kingston DataTraveler 1GB USB2.0 Drive	PASS		DT1/1GBFE
Kingston	Kingston DataTraveler 2GB USB2.0 Drive	PASS		DT1/2GBFE
Microsoft	Microsoft Comfort Curve Keyboard 2000	PASS	1047	x802645-004
Microsoft	Microsoft Comfort Optical Mouse 3000	PASS	1043	X812481-003
MITSUMI	MITSUMI D353FUE, USB ,1.44MB	PASS	D353FUE	
Pioneer	Pioneer DVR-X122 USB DVDRW	PASS	DVR-X122	
TEAC	TEAC DV-W28EC-PUBA USB DVDRW	PASS	DV-W28EC-PUBA	
Transcend	Transcend JetFlash®V30 1GB USB 2.0 Drive	PASS		TS1GJFV30
Transcend	Transcend JetFlash®V30 2GB USB 2.0 Drive	PASS		TS2GJFV30
	<b>Supported OS</b>			
	CentOS 5.3 (x86 and x64)	PASS		
	CentOS 5.5 ( x64)	PASS		
	Fedora 13 (x64)	PASS		
	RHEL 5 Update 2 (x86 and x64)	PASS		
	RHEL 5 Update 3 (x64)	PASS		
	SLES 10 SP1 (x86 and x64)	PASS		
	SLES 11(x86 and x64)	PASS		
	Windows 2003 R2 Enterprise Edition (x86 and x64)	PASS		
	Windows 2003 R2 Storage Server Edition (x86 and x64)	PASS		
	Windows 2008 Datacenter Edition (x86 and x64)	PASS		
	Windows 2008 Enterprise Edition (x86 and x64)	PASS		
	Windows 2008 Standard Edition (x86 and x64)	PASS		
	Windows 7 Enterprise Edition (x86 and x64) Chinese Traditional	PASS		
	Windows 7 Enterprise Edition (x86 and x64) Japneses	PASS		
	Windows 7 Ultimate Edition (x86 and x64) Chinese Traditional	PASS		
	Windows 7 Ultimate Edition (x86 and x64) Japanese	PASS		
	Windows Vista enterprise (x86 and x64)	PASS		
	Windows XP (x86 and x64)	PASS		