

Manufacturer	Item Description	Test Results	Reference	Revision Firmware Stepping
	LGA 1366 Processor			
Intel	E5503 2.00GHz (Engineering Sample)/Dual Core	PASS		
Intel	E5507 2.27GHz (Engineering Sample)/Quad Core	PASS		
Intel	E5620 @ 2.4GHz Quad-Core WSM-T (Gulftown) Xeon	PASS	E5620 @ 2.40GHz (ES, 4C, HT, 2.53GHz 5% OC, Turbo, 2.13GHz IMC, 4x 256kB L2, 12MB L3)	
Intel	Intel(R) Xeon(R) CPU E5603 @ 1.60GHz (Westmere-EP) (Quad-Core)	PASS	E5603 @ 1.60GHz (ES, 4C, 1.6GHz, 2.14GHz IMC, 2x 256kB L2, 4MB L3)	
Intel	Intel(R) Xeon(R) CPU E5606 @ 2.13GHz (Westmere-EP) (Quad-Core)	PASS	E5606 @ 2.13GHz (ES, 4C, 2.13GHz, 1.6GHz IMC, 2x 256kB L2, 8MB L3)	
Intel	Intel(R) Xeon(R) CPU E5607 @ 2.27GHz (Westmere-EP) (Quad-Core)	PASS	E5607 @ 2.27GHz (ES, 4C, 2.27GHz, 1.6GHz IMC, 2x 256kB L2, 8MB L3)	
Intel	Intel(R) Xeon(R) CPU E5645 @ 2.40GHz (Westmere-EP) (Six-Core)	PASS	E5645 @ 2.40GHz (ES, 6C, HT, 2.53GHz 5% OC, Turbo, 2.13GHz IMC, 6x 256kB L2, 12MB L3)	
Intel	Intel(R) Xeon(R) CPU E5649 @ 2.53GHz (Westmere-EP) (Six-Core)	PASS	E5649 @ 2.53GHz (ES, 6C, HT, 2.67GHz 5% OC, Turbo, 3.55GHz IMC, 6x 256kB L2, 12MB L3)	
Intel	Intel(R) Xeon(R) CPU X5672 @ 3.20GHz (Westmere-EP) (Quad-Core)	PASS	X5672 @ 3.20GHz (ES, 4C, HT, 3.33GHz 4% OC, Turbo, 2.66GHz IMC, 4x 256kB L2, 12MB L3)	
Intel	Intel(R) Xeon(R) CPU X5675 @ 3.07GHz (Westmere-EP) (Six-Core)	PASS	X5675 @ 3.07GHz (ES, 6C, HT, 3.2GHz 4% OC, Turbo, 2.66GHz IMC, 6x 256kB L2, 12MB L3)	
Intel	L5518 @ 2.13GHz Quad-Core NHM (Nehalem) Xeon	PASS	L5518 @ 2.13GHz (4C, HT, 1.6GHz, 2.13GHz IMC, 4x 256kB L2, 8MB L3)	D0
Intel	L5518 @ 2.13GHz Quad-Core NHM (Nehalem) Xeon	PASS	L5518 @ 2.13GHz (ES, 4C, HT, 1.6GHz, 2.13GHz IMC, 4x 256kB L2, 8MB L3)	C
Intel	L5640 @ 2.27GHz Six-Core WSM-T (Gulftown) Xeon	PASS	L5640 @ 2.27GHz (ES, 6C, HT, 2.4GHz 5% OC, Turbo, 2.13GHz IMC, 6x 256kB L2, 12MB L3)	
Intel	Nehalem-EP E5502 1.86GHz/4.86GT/800MHz/4M/80W/Dual	PASS		
Intel	Nehalem-EP E5504 2.0GHz/4.8GT/800MHz/4M/80W/Quad	PASS		
Intel	Nehalem-EP E5506 2.26GHz/5.86GT/1066MHz/8M/60W/Quad Core	PASS		
Intel	Nehalem-EP E5520 2.26GHz/5.86GT/1066MHz/8M/80W/Quad Core	PASS		
Intel	Nehalem-EP E5530 2.40GHz/5.86GT/1066MHz/8M/80W/Quad Core	PASS		
Intel	Nehalem-EP L5520 2.26GHz/5.86GT/1066MHz/8M/60W/Quad Core	PASS		
Intel	Nehalem-EP X5550 2.66GHz/6.4GT/1333MHz/8M/95W/Quad Core	PASS		
Intel	Nehalem-EP X5570 D0 3.0GHz/6.4GT/1333MHz/8M/95W/Quad Core	PASS		

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Intel	Westmere-EP B1 stepping E5640 @ 2.67GHz (Q4EV)	PASS	E5640 @ 2.67GHz (ES, 4C, HT, 2.4GHz, Turbo, 2.13GHz IMC, 4x 256kB L2, 12MB L3)	
Intel	Westmere-EP B1 stepping L5609 1.87GHz (Q4F8)	PASS	L5609 @ 1.87GHz (ES, 4C, 1.87GHz, 1.6GHz IMC, 2x 256kB L2, 12MB L3)	
Intel	Westmere-EP B1 stepping L5630 @ 2.13GHz (Q4EX)	PASS	L5630 @ 2.13GHz (ES, 4C, HT, 2.27GHz 6% OC, Turbo, 2.27GHz IMC, 4x 256kB L2, 12MB L3)	
Intel	X5650 @ 2.67GHz Six-Core WSM-T (Gulftown) Xeon	PASS	X5650 @ 2.67GHz (ES, 6C, HT, 2.8GHz 4% OC, Turbo, 2.66GHz IMC, 6x 256kB L2, 12MB L3)	
Intel	X5660 @ 2.8 GHz (Q4EN) (64BIT MPU 80614005127AA 2.8 12MB LGA13)	PASS	X5660 @ 2.80GHz (ES, 6C, HT, 3GHz 4% OC, Turbo, 4.88GHz IMC, 6x 256kB L2, 12MB L3)	
Intel	X5667 @ 3.07GHz Quad-Core WSM-T (Gulftown) Xeon	PASS	X5667 @ 3.07GHz (ES, 4C, HT, 3.2GHz 4% OC, Turbo, 2.66GHz IMC, 4x 256kB L2, 12MB L3)	
Intel	X5670 @ 2.93GHz (Q4EP) (64BIT MPU 80614005130AA 2.933G 12MB LGA)	PASS	X5670 @ 2.93GHz (ES, 6C, HT, 3GHz 4% OC, Turbo, 5.12GHz IMC, 6x 256kB L2, 12MB L3)	
Unbuffer Memory				
Adata	DDR3 1333(9) 1GX8 U-DIMM	PASS	M30EL6H313120F1C5Z	AD3133300IGMU(EL631 1A08)
InnoDisk	DDR3 1333(9) 1GX8 U-DIMM	PASS	i-DIMM S539-090317 (Chipset : Elpida)	Elpida i-DIMM S539-090317 1GB DIMM DDR3 PC3-10700U DDR3-1334 (8-8-8-24 4-32-10-5)
Unigen	PC3-10600 2GB U-DIMM	PASS	UG25U6400M8DU-ACB 2GB PC3-10600 Non-ECC/UNB	
Register Memory				
Adata	1GB ECC REG PC3-10600 R-DIMM	PASS		
Adata	2GB ECC REG PC3-10600 R-DIMM	PASS	ADATA AD31333002GMR(SC9311B18)	
Adata	4GB ECC REG PC3-10600 R-DIMM	PASS	HY9311C18C3ZS (Hynix Chipset)	DDR3 1333(9) 4GX18 R-DIMM PC3-10700 (10-9-9-24 4-33-12-
Adata	4GB ECC REG PC3-10600 R-DIMM	PASS	HY9311C36C5ZJ (Hynix Chipset)	DDR3 1333(9) 4GX36 R-DIMM
Adata	4GB ECC REG PC3-10600 R-DIMM	PASS	HY9311C36CCZM(10320029)	DDR3 1333(9) 4GX36 R-DIMM
Adata	8GB ECC REG PC3-10600 R-DIMM	PASS	HY9311D36C5ZS(10321043)	8GBx36 PC3-10700 REG/ECC
Apacer	2GB ECC REG PC3-10600 R-DIMM	PASS		
Apacer	8GB ECC REG PC3-10600 R-DIMM	PASS	Samsung M393B1K70BH1-CH9	8GB ECC REG DDR3 7-7-7-20 4-27-9-4 1T
Apacer	8GB ECC REG PC3-8500 R-DIMM	PASS	78CAGD3AF2 8GB ECC REG	PC3-8500R DDR3-1066 (7-7-7-20 4-27-8-4)

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ATP	1GB ECC REG PC3-10600 R-DIMM	PASS	AL28M72A8BJH9S 1GB ECC REG DDR3	PC3-10700R DDR3-1334 (9-9-9-24 4-33-10-
ATP	2GB ECC REG PC3-10600 R-DIMM	PASS		
Crucial	8GB ECC REG PC3-12800 R-DIMM	PASS	DDR3-1600 RDIMM 1.35V CL11	2Rx8 PC3L-12800R-11-13-B1
Dataram	2GB ECC REG PC3-10600 R-DIMM	PASS	DTM64360E 2GB	2GB 1Rx8 PC3-10600R-9-11-A1
Kingston	2GB ECC REG PC3-10600 R-DIMM	PASS	KVR1333D3D8R9S/2G	
Kingston	2GB ECC REG PC3-10600 R-DIMM	PASS	KVR1333D3S4R9S/2G (Elpida Chipset)	
Kingston	4GB ECC REG PC3-10600 R-DIMM	PASS	KVR1333D3D4R9S/4G (Elpida Chipset)	
Kingston	8GB ECC REG PC3-10600 R-DIMM	PASS	KVR1333D3LD4R9S/8G	hynix H5TC2G43CFR H9A 150A
Wintec	2GB ECC REG PC3-10600 R-DIMM	PASS	Wintec 2GB ECC DIMM Registered DDR3 PC3-10700R DDR3-1334 (9-9-9-25 4-34-10-5)	
SATA 3.5" HDD				
HITACHI	250GB, 7200 rpm, SATA-II 3.5 ", NCQ	PASS	Deskstar T7K500	HDT725025VLA380
Samsung	160GB, 7200 rpm, SATA-II 3.5 ", NCQ	PASS	HD161HJ	HD161HJ
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
SATA 1.8" SSD				
Intel	<= 80GB	PASS	DC S3500 Series	SSDSC1NB080G4
NIC CARDS (see motherboard section for LOM)				
Intel	INTEL PRO/1000MT Dual port Gigabit Server adapter, PCI-X133	PASS		
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		
HBA & Raid				
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 SAS3442E-R 1068 4 Ports	PASS		
ODD				
Pioneer	Pioneer DVR-X122 USB DVDRW	PASS	DVR-X122	
Pioneer	Pioneer DVR-212 18X SATA DVDRW	PASS	DVR-212	
TEAC	TEAC DV-W28EC-PUBA USB DVDRW	PASS	DV-W28EC-PUBA	
FDD				
MITSUMI	MITSUMI D353FUE, USB ,1.44MB	PASS	D353FUE	

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USB device				
BELKIN	BELKIN Hi-speed USB 2.0 4-Port Lighted Hub	PASS		F5U403
Cherry	Cherry Bussiness K-1 ,104 keys,Black,USB	PASS	KU0556	
Kingston	Kingston DataTraveler 1GB USB2.0 Drive	PASS		DTI/1GBFE
Kingston	Kingston DataTraveler 2GB USB2.0 Drive	PASS		DTI/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
Supported OSs				
	CENTOS 5.2 (x64)	PASS		
	Open SuSE 11	PASS		
	Red Hat Enterpris Linux 4 Update 5 (x64)	PASS		
	Red Hat Enterpris Linux 5.2 (x64)	PASS		
	SLES 10 SP1 (x86 and x64)	PASS		
	SuSE SELS 11 (x64) with Xen (Guest OS - CentOS 5.3 x64 & Win2008 R2 x64-TC)	PASS		
	SuSE SELS 11.0 (x86 and x64)	PASS		
	VMWare ESXi 4.0.0 (x64)	PASS		
	Windows 2003 R2 Enterprise Edition (x86 and x64)	PASS		
	Windows 2003 R2 Standard 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 Professional x64	PASS		
	Windows 7 Professional x86	PASS		
	Windows 7 Ultimate Edition (x64)	PASS		
	Windows Server 2008 R2 Enterprise Edition x64	PASS		
	Windows Server 2008 R2 Standard Edition x64	PASS		
	Windows Vista enterprise (x86 and x64)	PASS		
	Windows XP (x64)	PASS		