

Manufacturer	Item Description	Test Results	Reference		Revision Firmware Stepping
	LGA 2011 Processor				
Intel	Intel CPU QBUR E5-2667@ 2.90 GHz (EP C2 stepping 130W)	PASS			
Intel	Intel QBER E5-2650@ 2.00GHz (EP ES2 C1 stepping 95W)	PASS			
Intel	Intel QBEX E5-4640@ 2.4GHz (EP C1 stepping 95W)	PASS			
Intel	Intel QBFD E5-2665@ 2.40GHz (EP ES2 C1 stepping 115W)	PASS			
Intel	Intel QBUD E5-2680@ 2.7GHz (EP C2 stepping 130W)	PASS			
Intel	Intel QBUH E5-2660@ 2.00GHz (EP ES2 C1 stepping 95W)	PASS			
Intel	Intel QDDK @2.3GHz (Ivy Bridge-EP B-2 stepping 115W)	PASS			
Intel	Intel QDU4 @1.6GHz (Ivy Bridge-EP L-1 stepping 95W)	PASS			
Intel	Intel QDUA @2.3GHz (Ivy Bridge-EP B-1 stepping 115W)	PASS			
Intel	Intel QDUF @2.5GHz (Ivy Bridge-EP B-1 stepping 130W)	PASS			
Intel	Intel QF67 E5-2667v2 @3.3GHz (Ivy Bridge-EP M-1 stepping 130W)	PASS			
Intel	Intel QF6B E5-2650Lv2 @1.7GHz (Ivy Bridge-EP M-1 stepping 70W)	PASS			
Intel	Intel QF6D E5-2640v2 @2.0GHz (Ivy Bridge-EP M-1 stepping 95W)	PASS			
Intel	Intel QF6R E5-2690v2 @3GHz (Ivy Bridge-EP M-1 stepping 130W)	PASS			
Intel	Intel QF6V E5-2670v2 @2.5GHz (Ivy Bridge-EP M-1 stepping 115W)	PASS			
Intel	Intel QF7R E5-2620v2 @2.1GHz (Ivy Bridge-EP M-1 stepping 80W)	PASS			
Intel	Intel QF89 E5-2609v2 @2.5GHz (Ivy Bridge-EP S-1 stepping 80W)	PASS			
Intel	Intel QF8B E5-2603v2 @1.8GHz (Ivy Bridge-EP S-1 stepping 80W)	PASS			
Intel	Intel QF8D E5-2630Lv2 @2.4GHz (Ivy Bridge-EP S-1 stepping 60W)	PASS			
Intel	Intel QF8V E5-2637v2 @3.5GHz (Ivy Bridge-EP S-1 stepping 130W)	PASS			
	Register Memory				
DATARAM	4GB ECC REG PC3-10600 R-DIMM	PASS	DTM64312E		
Apacer	4GB ECC REG PC3-10600 R-DIMM	PASS	78.B1GDZ.AF10C 4GB ECC REG	PC3-10600 R-DIMM DDR3 1333	
Apacer	4GB ECC REG PC3-12800 R-DIMM	PASS	78.B1GE0.AF10C 4GB ECC REG		
Apacer	8GB ECC REG PC3-12800 R-DIMM	PASS		8GB DDR3-1600 ECC REG	

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Apacer	8GB ECC REG PC3-14900 R-DIMM(Support on Xeon E5-26xx/46xx V2 CPU)	PASS		78.C1GH8.40B0C	
Apacer	8GB ECC REG PC3-14900 R-DIMM(Support on Xeon E5-26xx/46xx V2 CPU)	PASS		78.C1GHG.40T0C	
Apacer	8GB ECC REG PC3-8500 R-DIMM	PASS	78.CAGD3.AF2 8GB ECC REG	PC3-8500R DDR3-1066 (7-7-7-20 4-27-8-4)	
ATP	8GB ECC REG PC3-12800 R-DIMM	PASS	AL24M72E4BKK0M	8GB DDR3-1600 ECC REG	
crucial	8GB ECC REG PC3-12800 R-DIMM	PASS	8GB DDR3L-12800R-11-13-B1	MT18KSF1G72PDZ-1G6E1HF	Memory DC Line : 1.350V
InnoDisk	4GB ECC REG PC3-14900 R-DIMM(Support on Xeon E5-26xx/46xx V2 CPU)	PASS	4GB ECC DIMM Registered DDR3 PC3-14200R DDR3-1778 (13-13-13-34 5-47-15-7)	ACT4GHR72NBJ1866H-E84	Memory DC Line : 1.500V
InnoDisk	8GB ECC REG PC3-14900 R-DIMM(Support on Xeon E5-26xx/46xx V2 CPU)	PASS	8GB ECC DIMM Registered DDR3 PC3-14200R DDR3-1778 (13-13-13-34 5-47-15-7)	ACT8GHR72Q4H1866S-E84	Memory DC Line : 1.500V
Kingston	8GB ECC REG PC3-10600 R-DIMM	PASS	9965447-064A00LF	8GB ECC DIMM Registered DDR3 PC3-10700R DDR3-1334 (9-9-9-25 4-34-10-5)	
Micre	4GB ECC REG PC3-12800 R-DIMM	PASS	MT18SF51272PZ-1G6M1FF 4GB Rx4	PC3-12800 R-DIMM DDR3 1666	
Transcend	16GB ECC REG PC3-12800 R-DIMM	PASS	TS2GKR72W6Z	16G 2Rx4 DDR3L 1600 REG	Memory DC Line : 1.350V
Transcend	4GB ECC REG PC3-14900 R-DIMM(Support on Xeon E5-26xx/46xx V2 CPU)	PASS	TS512MKR72V8N	4GB 2Rx8 DDR3 1866 REG	Memory DC Line : 1.500V
Load-Reduce Memory					
KINGBEE	16GB LR-DIMM DDR3-1333	PASS	1000902 (* only have 8 DIMMs for test)		
SATA 3.5" HDD					
SAMSUNG	160GB, 7200rpm, SATA 3.5 "	PASS	HD161HJ	HD161HJ	
HITACHI	250GB, 7200 rpm, SATA-II 3.5 " , NCQ	PASS	Deskstar T7K500	HDT725025VLA380	
Seagate	3TB, 7200 rpm, SATA-III 3.5 " .	PASS	Barracuda XT ST33000651AS	9KC16V-300	
Seagate	2TB, 7200 rpm, SATA 3.5 "	PASS	ST32000644NS	9JW1680502	
SAS 2.5" HDD					
FUJITSU	36GB, 15000rpm, SAS 3.0 2.5"	PASS	MBC2036RC	CA06771-B100	
Seagate	500GB, 5400 rpm, SATA-II 2.5"	PASS	ST9500325AS	9HH134-500	
SAS 3.5" HDD					
FUJITSU	73GB, 15000rpm, SAS 3.0 3.5"	PASS	MBA3073RC	CA06778-B100	
FUJITSU	73.5GB, 15000rpm, SAS 3.0 3.5"	PASS	MAX3073RC	CA06697-B200	
Seagate	2TB, 7200rpm, SAS 6.0 3.5"	PASS	ST32000445SS	9ST248-001	
NIC CARDS (see motherboard section for LOM)					

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Intel	Intel Gigabit ET Dual Port Svr Adapter 897658	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			
Intel	Intel® RAID Controller RS2WC080	PASS			
LSI	LSI MR SAS 9280-1614eL3-25243-21A SAS/SATA, PCI-E x8, GEN2 , 20 Ports	PASS	T2282109AX2 6K07BP0109 R		
LSI	LSI SAS 9211-8i	PASS			
	ODD				
LITEON	LITEON DH-20A3S07C 20X SATA DVDRW DUAL	PASS	DH-20A3S07C		
LITEON	LITEON DX-8A1P01C 8X slim USB DVDRW DUAL	PASS	DX-8A1P01C		
	SATA DVD/CD-RW (half height)				
Pioneer	Pioneer DVR-212 18X SATA DVDRW	PASS	DVR-212		
	FDD				
MITSUMI	MITSUMI D353FUE, USB ,1.44MB	PASS	D353FUE		
TEAC	TEAC FD-05PUW External floppy disk drive unit	PASS	FD-05PUW		
	USB device				
BELKIN	BELKIN Hi-speed USB 2.0 4-Port Lighted Hub	PASS		F5U403	
LITEON	LITEON eSAU108-113 4 8X USB EXTERNAL DVD/CD Writer	PASS	eSAU108-113 4		
Microsoft	Microsoft Comfort Optical Mouse 3000	PASS	1043	X812481-003	
Microsoft	Microsoft Comfort Curve Keyboard 2000	PASS	1047	x802645-004	
MITSUMI	MITSUMI D353FUE, USB ,1.44MB	PASS	D353FUE		
TEAC	TEAC DV-W28EC-PUBA USB DVDRW	PASS	DV-W28EC-PUBA		
	VGA & Audio				
Nvidia	Nvidia 9603GT-52	PASS			
	Supported OS				
	CentOS 6.1 (onboard SATA AHCI x86)	PASS			
	CentOS 6.1 (onboard SATA IDE x86)	PASS			
	Fedora 16 (onboard SATA IDE x64)	PASS			
	Fedora 16 (onboard SATA AHCI x64)	PASS			
	OpenSuSE 12.2 x86_64 (Onboard Intel SCU Raid0)	PASS			
	OpenSuSE 12.2 x86_64 (Onboard Intel SCU Raid1)	PASS			
	Red Hat Enterprise Linux 5.2 (onboard SATA AHCI x64)	PASS			
	Red Hat Enterprise Linux 5.2 (onboard SATA AHCI x86)	PASS			

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	Red Hat Enterprise Linux 5.2 (onboard SATA IDE x64)	PASS		
	Red Hat Enterprise Linux 5.2 (onboard SATA IDE x86)	PASS		
	Red Hat Enterprise Linux 6.1 (onboard SATA AHCI x64)	PASS		
	Red Hat Enterprise Linux 6.1 (onboard SATA AHCI x86)	PASS		
	Red Hat Enterprise Linux 6.1 (onboard SATA IDE x64)	PASS		
	Red Hat Enterprise Linux 6.1 (onboard SATA IDE x86)	PASS		
	Red Hat Enterprise Linux 6.2 (onboard SATA AHCI x64)	PASS		
	Red Hat Enterprise Linux 6.2 (onboard SATA AHCI x86)	PASS		
	Red Hat Enterprise Linux 6.2 (onboard SATA IDE x64)	PASS		
	Red Hat Enterprise Linux 6.2 (onboard SATA IDE x86)	PASS		
	Red Hat Enterprise Linux 6.3 x86_64 (Onboard Intel SCU Raid0)	PASS		
	Red Hat Enterprise Linux 6.3 x86_64 (Onboard Intel SCU Raid1)	PASS		
	Red Hat Enterprise Linux 6.3 x86_64 (Onboard Intel SCU Raid10)	PASS		
	Red Hat Enterprise Linux 6.4 x86_64 (Onboard Intel SCU Raid0)	PASS		
	Red Hat Enterprise Linux 6.4 x86_64 (Onboard Intel SCU Raid1)	PASS		
	Red Hat Enterprise Linux 6.4 x86_64 (Onboard Intel SCU Raid10)	PASS		
	SuSE SELS 11 SP1(onboard SATA AHCI x64) with Xen (Guest OS - CentOS 5.6 x64 & Win2008 R2 x64)	PASS		
	SuSE SELS 11 SP1(onboard SATA IDE x64) with Xen (Guest OS - CentOS 5.6 x64 & Win2008 R2 x64)	PASS		
	VMware ESXi Server version 4.1.0 (onboard SATA AHCI mode)	PASS		
	VMware ESXi Server version 4.1.0 (onboard SATA IDE mode)	PASS		
	Windows 2008 R2 Datacenter Edition (onboard SATA AHCI)	PASS		
	Windows 2008 R2 Datacenter Edition (onboard SATA IDE)	PASS		
	Windows 2008 R2 Enterprise Edition (Onboard Intel SCU Raid0)	PASS		
	Windows 2008 R2 Enterprise Edition (Onboard Intel SCU Raid1)	PASS		
	Windows 2008 R2 Enterprise Edition (Onboard Intel SCU Raid10)	PASS		
	Windows 2008 R2 Enterprise Edition (onboard SATA AHCI)	PASS		
	Windows 2008 R2 Enterprise Edition (onboard SATA IDE)	PASS		
	Windows 2008 R2 Standard Edition (onboard SATA AHCI)	PASS		
	Windows 2008 R2 Standard Edition (onboard SATA IDE)	PASS		
	Windows 7 PRO (onboard SATA AHCI x64)	PASS		
	Windows 7 PRO (onboard SATA AHCI x86)	PASS		
	Windows 7 PRO (onboard SATA IDE x64)	PASS		
	Windows 7 PRO (onboard SATA IDE x86)	PASS		
	Windows Server 2012 x64 Standard (Onboard Intel SCU Raid0)	PASS		
	Windows Server 2012 x64 Standard (Onboard Intel SCU Raid1)	PASS		
	Windows Server 2012 x64 Standard (Onboard Intel SCU Raid10)	PASS		
	Windows XP (onboard SATA AHCI x32)	PASS		



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	Windows XP (onboard SATA IDE x32)	PASS		