

Manufacturer	Item Description	Test Results	Reference	Revision Firmware Stepping
FCLGA10 / LGA1356-2 Processor				
Intel	Genuine Intel® CPU QANP@ 2.0GHz	PASS	Sandy Bridge EN - ES2 B1 stepping	
Intel	Genuine Intel® CPU QAFV@ 1.6GHz	PASS	Sandy Bridge EN - ES2 L0 stepping	
Intel	Genuine Intel® CPU QAG1@ 2.3GHz	PASS	Sandy Bridge EN - ES2 L0 stepping	
Intel	Genuine Intel® CPU QANN@ 2.0GHz	PASS	Sandy Bridge EN - ES2 B1 stepping	
Intel	Genuine Intel® CPU QANW@ 1.8GHz	PASS	Sandy Bridge EN - ES2 B1 stepping	
Intel	Genuine Intel® CPU QE2K@ 2.1GHz (Ivy Bridge-EN)	PASS	Stepping core / uncore (RID) : L-2 / B-2 (2)	2.10GHz (10C 20T 2.1GHz, 10x 256kB L2, 25MB L3)
Intel	Genuine Intel® CPU QE2M@ 1.6GHz (Ivy Bridge)	PASS	Stepping core / uncore (RID) : L-2 / B-2 (2)	1.60GHz (8C 16T 1.6GHz, 8x 256kB L2, 20MB L3)
Intel	Genuine Intel® CPU QE2P@ 1.8GHz (Ivy Bridge)	PASS	Stepping core / uncore (RID) : L-2 / B-2 (2)	1.80GHz (6C 12T 1.8GHz, 6x 256kB L2, 15MB L3)
Intel	Genuine Intel® CPU QE2R@ 1.5GHz (Ivy Bridge)	PASS	Stepping core / uncore (RID) : L-2 / B-2 (2)	1.50GHz (10C 20T 1.5GHz, 10x 256kB L2, 25MB L3)
Intel	Genuine Intel® CPU QE57@ 2.1GHz (Ivy Bridge)	PASS	Stepping core / uncore (RID) : L-2 / B-2 (2)	2.10GHz (6C 12T 2.1GHz, 6x 256kB L2, 15MB L3)
Intel	Genuine Intel® CPU QE7Y@ 1.8GHz (Ivy Bridge-EN)	PASS	Stepping core / uncore (RID) : R-1 / B-2 (2)	1.80GHz (6C 12T 1.8GHz, 6x 256kB L2, 15MB L3)
Intel	Genuine Intel® CPU QE80@ 1.8GHz (Ivy Bridge)	PASS	Stepping core / uncore (RID) : R-1 / B-2 (2)	1.80GHz (4C 1.8GHz, 2x 256kB L2, 10MB L3)
Intel	Genuine Intel® CPU QE8Q@ 2.2GHz (Ivy Bridge-EN)	PASS	Stepping core / uncore (RID) : R-1 / B-2 (2)	2.20GHz (6C 12T 2.2GHz, 6x 256kB L2, 15MB L3)
Intel	Genuine Intel® CPU QF7F@ 2.5GHz (Ivy Bridge-EN) (E5-2430 v2)	PASS	Revision/Stepping : 3E / 4	E5-2430 v2 @ 2.50GHz (6C 12T 3GHz, 3GHz IMC, 6x 256kB L2, 15MB L3)
Intel	Genuine Intel® CPU QF7K@ 2.4GHz (Ivy Bridge-EN) (E5-2407 v2)	PASS	Revision/Stepping : 3E / 4	E5-2407 v2 @ 2.40GHz (4C 2.4GHz, 2.4GHz IMC, 4x 256kB L2, 10MB L3)

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Intel	Genuine Intel® CPU QF7M@ 1.8GHz (Ivy Bridge-EN) (E5-2403 v2)	PASS	Revision/Stepping : 3E / 4	E5-2403 v2 @ 1.80GHz (4C 1.8GHz, 1.8GHz IMC, 4x 256kB L2, 10MB L3)
Intel	Genuine Intel® CPU QF8H@ 2.6GHz (Ivy Bridge-EN) (1403 v2)	PASS	Revision/Stepping : 3E / 4	CPU 1403 v2 @ 2.60GHz (2C 2.6GHz, 2.6GHz IMC, 2x 256kB L2, 6MB L3)
Intel	Genuine Intel® CPU QF8K@ 2.4GHz (Ivy Bridge-EN) (E5-2430L v2)	PASS	Revision/Stepping : 3E / 4	E5-2430L v2 @ 2.40GHz (6C 12T 2.4GHz/2.8GHz, 2.4GHz IMC, 6x 256kB L2, 15MB L3)
Intel	Genuine Intel® CPU QA94@ 2.0GHz	PASS	Sandy Bridge EN - ES2 B0 stepping	
Intel	Intel® CPU XEON E5-2403 QBXH @1.8GHz	PASS	Sandy Bridge EN M1 stepping	
Intel	Intel® CPU XEON E5-2407 QBXF @2.2GHz	PASS	Sandy Bridge EN M1 stepping	
Intel	Intel® CPU XEON E5-2430 QBX4 @2.2GHz	PASS	Sandy Bridge EN C2 stepping	
Intel	Intel® CPU XEON E5-2430L QBX2 @2.0GHz	PASS	Sandy Bridge EN C2 stepping	
Intel	Intel® CPU XEON E5-2450L QBWW @1.8GHz	PASS	Sandy Bridge EN C2 stepping	
Intel	Intel® CPU XEON E5-2470 QBWU @2.3GHz	PASS	Sandy Bridge EN C2 stepping	
Intel	Intel® Pentium CPU 1403 QBXD @2.6GHz (1CPU)	PASS	Sandy Bridge EN M1 stepping	
Unbuffer Memory				
Adata	8GB PC3-12800 ECC REG (PC3-12800 DDR3-1600)	PASS	AD3R1600W8G11-BMID	
Apacer	4GB ECC REG PC3-10600 R-DIMM	PASS	78.B1GDZ.AF10C 4GB ECC REG	PC3-10600 R-DIMM DDR3 1333
Apacer	8GB ECC REG PC3-14900	PASS	78C1GH840B0C 8GB ECC DIMM REG	DDR3 PC3-14200R DDR3-1778 (13-13-13-34 5-47-15-7)
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)
Apacer	8GB PC3-12800 ECC REG (PC3-12800 DDR3-1600)	PASS	AL24M72E4BKK0M	
DATARAM	2GB ECC REG PC3-10600 R-DIMM	PASS	DTM64312E	A01345210196S
USB 3.0 HDD				
Bufflo	BUFFLO MiniStation USB3.0 1.0TB	PASS	HD-PCT1TU3/BW-AP	BUFFALO HD-PCTU3 1TB (USB)
SATA 3.5" HDD				
HITACHI	250GB, 7200 rpm, SATA-II 3.5 " , NCQ	PASS	Deskstar T7K500	HDT725025VLA380
HITACHI	3TB, 7200 rpm, SATA-III 3.5 " .	PASS	DK7SAD300	H3D30006472S
SAMSUNG	160GB, 7200rpm, SATA 3.5 "	PASS	HD161HJ	HD161HJ

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SAS 2.5" HDD				
FUJITSU	36GB, 15000rpm, SAS 3.0 2.5"	PASS	MBC2036RC	CA06771-B100
SAS 3.5" HDD				
FUJITSU	73.5GB, 15000rpm, SAS 3.0 3.5"	PASS	MAX3073RC	CA06697-B200
FUJITSU	73GB, 15000rpm, SAS 3.0 3.5"	PASS	MBA3073RC	CA06778-B100
Seagate	2TB, 7200rpm, SAS 6.0 3.5"	PASS	ST32000445SS	9ST248-001
NIC CARDS (see motherboard section for LOM)				
Intel	INTEL PRO/1000MT Dual port Gigabit Server adapter, PCI-X133	PASS		
Intel	INTEL PRO/1000PT Gigabit Server Adapter, PCI-E x1	PASS		
NIC CARDS (see motherboard section for LOM)				
Intel	INTEL PRO/1000PT Dual Port Gigabit Server Adapter, PCI-E x 4	PASS		
Intel	INTEL PRO/1000PT Gigabit Server Adapter, PCI-E x 1	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-1120 SATAII RAID card, PCI-X133 , 8 Ports	PASS		
Intel	Intel SRCAS18E 8ports PCI-E SAS/SATA RAID card, PCI-E x 8	PASS		
Intel	Intel SRCASRB 8ports PCI-E SAS/SATA RAID card, PCI-E x 4	PASS		
Intel	Intel SRCATAWB	PASS		
Intel	Intel SRCATAWB 8ports PCI-E SATA RAID card, PCI-E x 4	PASS		
LSI	LSI MegaRAID SAS 9280-16i4e	PASS		
LSI	LSI MegaRAID SATA 300-4XLP, PCI-X133 , 4 Ports	PASS		
Other PCIE Devices				
CAVIUM	OCTEON 61XX SNIC 10E (PCIE X4 Gen2)	PASS	CN6130-110SV-PR-G	Cavium Networks Octeon II CN61XX Network Processor (rev 01)
CAVIUM	OCTEON 6640 NIC10E (PCIE X4 Gen2)	PASS	CN6640-210SV-PR-G	Cavium Networks Octeon II CN65XX Network Processor (rev 02)
ODD				
LITEON	LITEON eSAU108-113 4 8X USB EXTERNAL DVD/CD Writer	PASS	eSAU108-113 4	
LITEON	LITEON eSAU108-113 4 8X USB EXTERNAL DVD/CD Writer	PASS	eSAU108-113 4	
Pioneer	Pioneer DVR-212 18X SATA DVDRW	PASS	DVR-212	
FDD				
MITSUMI	MITSUMI D353FUE, USB ,1.44MB	PASS	D353FUE	
TEAC	TEAC FD-05PUW External FDD unit	PASS	FD-05PUW-261	
USB device				

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BELKIN	BELKIN Hi-speed USB 2.0 4-Port Lighted Hub	PASS		F5U403
Kingston	Kingston DataTraveler 2GB USB2.0 Drive	PASS		DTI/2GBFE
Kingston	Kingston DataTraveler 2GB USB2.0 Drive	PASS		DTI/2GBFE
Kingston	Kingston DataTraveler Ultimate 3.0 16GB USB3.0 Drive	PASS	DT Ultimate G2	DTU30G2/16GB
LITEON	LITEON eSAU108-113 4 8X USB EXTERNAL DVD/CD Writer	PASS	eSAU108-113 4	
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	
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
Transcend	Transcend JetFlash®V30 4GB USB 2.0 Drive	PASS		TS4GJFV30
	Supported OS			
	CentOS 6.1 (x86) with Xen	PASS		
	Fedora 16 x64	PASS		
	Red Hat Enterprise Linux 5.2 (x86 and x64)	PASS		
	Red Hat Enterprise Linux 6.1 x64	PASS		
	Red Hat Enterprise Linux 6.2 x64	PASS		
	Red Hat Enterprise Linux 6.4 (x86 and x64) - AHCI Mode	PASS		
	Red Hat Enterprise Linux 6.4 (x86 and x64) - IDE Mode	PASS		
	Windows 2008 R2 Datacenter Edition (x86 and x64)	PASS		
	Windows 2008 R2 Enterprise Edition (x86 and x64)	PASS		
	Windows 2008 R2 Standard Edition (x86 and x64)	PASS		
	Windows 7 PRO sp1 x86 32bit	PASS		
	Windows 7 PRO sp1 x86 64bit	PASS		
	Windows Server 2012 DataCenter (x64) (AHCI mode)	PASS		
	Windows Server 2012 DataCenter (x64) (IDE mode)	PASS		
	Windows Server 2012 standard (x64) (AHCI mode)	PASS		
	Windows Server 2012 standard (x64) (IDE mode)	PASS		
	Xen-SuSE Linux Enterprise Server 11 SP1(64 bit)	PASS		