

**SB301-TO compatibility list**

Description of the components	Vendor Name	Supplier reference and Part Number	
		model number	part number
<b>LGA 2011 Processor</b>			
Intel QBFU E5-2665@ 2.40GHz (EP ES2 C1 stepping 115W)	Intel	X	X
Intel QBER E5-2650@ 2.00GHz (EP ES2 C1 stepping 95W)	Intel		
Intel QBUH E5-2660@ 2.00GHz (EP ES2 C1 stepping 95W)	Intel		
Intel CPU QBUR E5-2667@ 2.90 GHz (EP C2 stepping 130W)	Intel		
Intel QBUD E5-2680@ 2.7GHz (EP C2 stepping 130W)	Intel		
intel QBEX E5-4640@ 2.4GHz (EP C1 stepping 95W)	Intel		
<b>Register Memory</b>			
1GB ECC REG PC3-10600 R-DIMM	ATP	AL28M72A8BJH9S 1GB ECC REG DDR3	PC3-10700R DDR3-1334 (9-9-9-24 4-33-10-5)
2GB ECC REG PC3-10600 R-DIMM	DATARAM	DTM64312E	X
4GB ECC REG PC3-10600 R-DIMM	Apacer	78.B1GDZ.AF10C 4GB ECC REG	PC3-10600 R-DIMM DDR3 1333
8GB ECC REG PC3-8500 R-DIMM	Apacer	78.CAGD3.AF2 8GB ECC REG	PC3-8500R DDR3-1066 (7-7-7-20 4-27-8-4)
8GB ECC REG PC3-10600 R-DIMM	Kingston	9965447-064A00LF	8GB ECC DIMM Registered DDR3 PC3-10700R DDR3-1334 (9-9-9-25 4-34-10-5)
8GB ECC REG PC3-12800 R-DIMM	ATP	AL24M72E4BKK0M	8GB DDR3-1600 ECC REG
	Apacer	X	78.C1GEY.4210C
4GB ECC REG PC3-12800 R-DIMM	Apacer	78.B1GE0.AF10C 4GB ECC REG	PC3-12800 R-DIMM DDR3 1666
	Micre	MT18SF51272PZ-1G6M1FF 4GB Rx4	PC3-12800 R-DIMM DDR3 1666
<b>Load-Reduce Memory</b>			
16GB LR-DIMM DDR3-1333	KINGBEE	1000902 ( only have 8 DIMMs for test)	X
<b>SATA 3.5" HDD</b>			
2TB, 7200 rpm, SATA 3.5 "	Seagate	ST32000644NS	9JW1680502
<b>SATA 2.5" HDD</b>			
500GB, 5400 rpm, SATA-II 2.5"	Seagate	ST9500325AS	9HH134-500
36GB, 15000rpm, SAS 3.0 2.5"	FUJITSU	MBC2036RC	CA06771-B100
<b>SAS 3.5" HDD</b>			
73GB, 15000rpm, SAS 3.0 3.5"	FUJITSU	MBA3073RC	CA06778-B100
73.5GB, 15000rpm, SAS 3.0 3.5"	FUJITSU	MAX3073RC	CA06697-B200
2TB, 7200rpm, SAS 6.0 3.5"	Seagate	ST32000445SS	9ST248-001
<b>NIC CARDS (see motherboard section for LOM)</b>			
Intel Gigabit ET Dual Port Srvr Adapter 897658	Intel	X	X
<b>HBA &amp; Raid</b>			
LSI SAS 9211-8i	LSI	X	X
Intel® RAID Controller RS2WC080	Intel	X	X
<b>Supported OSs</b>			
Windows 2008 R2 Standard Edition (x86 and x64)	Windows	X	X
Windows 2008 R2 Enterprise Edition (x86 and x64)	Windows		
Windows 2008 R2 Datacenter Edition (x86 and x64)	Windows		
Red Hat Enterprise Linux 5.2 (x86 and x64)	Red Hat		
Red Hat Enterprise Linux 6.1 x64	Red Hat		
Red Hat Enterprise Linux 6.2 x64	Red Hat		
CentOS 6.1 (x86)	Red Hat		
SuSE SELS 11 SP1(x64) with Xen (Guest OS - CentOS 5.6 x64 & Win2008 R2 x64)	Linux		
Windows XP (x32)	Windows		
Fedora 16 x64	Linux		
VMware ESXi Server version 4.1.0 (AHCI mode)	Windows		
VMware ESXi Server version 4.1.0 (IDE mode)	Windows		
Windows 7 PRO x86 32bit	Windows		
Windows 7 PRO x86 64bit	Windows		