

Manufacturer	Item Description	Test Results	Reference		Revision Firmware Stepping
<b>FC LGA2011-3 Processor</b>			<b>Stepping level</b>	<b>P/N</b>	<b>FW</b>
Intel	Haswell-EP Genuine Intel® CPU @ 2.20GHz (QEY6)	Pass	B-0	Haswell-EP	(14C 5.0GHz, 100GHz, 35MB)
Intel	Intel® Xeon® CPU E5-2637 v3 @ 3.5GHz (QGSP)	Pass	R-2	Haswell-EP	
Intel	Intel® Xeon® CPU E5-2695 v3 @ 2.30GHz (QG7R)	Pass	C-0	Haswell-EP	(14C 28T 2.3GHz, 14x 256kB L2, 35MB L3)
Intel	Intel® Xeon® CPU E5-2695 v3 @ 2.30GHz (QGN4)	Pass	C-1	Haswell-EP	
Intel	Intel® Xeon® CPU E5-2697 v3 @ 2.6GHz (QGN3)	Pass	C-1	Haswell-EP	
Intel	Intel® Xeon® CPU E5-2698 v3 @ 3.60GHz (QGN2)	Pass	C-1	Haswell-EP	
Intel	Intel® Xeon® CPU E5-2699 v3 @ 2.30GHz (QGEP)	Pass	C-0	Haswell-EP	
Intel	Intel® Xeon® CPU E5-2609 v3 @ 1.90GHz (QGPN)	Pass	M-1	Haswell-EP	(6C 1.9GHz, 6x 256kB L2, 15MB L3)
Intel	Intel® Xeon® CPU E5-2630L v3 @ 1.80GHz (QGST)	Pass	R-2	Haswell-EP	(8C 16T 1.8GHz, 8x 256kB L2, 20MB L3)
Intel	Intel® Xeon® CPU E5-2643 v3 @ 3.40GHz (QGSR)	Pass	R-2	Haswell-EP	(6C 12T 3.39GHz, 6x 256kB L2, 20MB L3)
Intel	Intel® Xeon® CPU E5-2667 v3 @ 3.20GHz (QGSQ)	Pass	R-2	Haswell-EP	
Intel	Intel® Xeon® CPU E5-2687W v3 @ 3.10GHz (QGPG)	Pass	M-1	Haswell-EP	
<b>Register Memory</b>			<b>Model Name</b>	<b>P/N</b>	<b>Remark</b>
Crucial	16G DDR4 2133 R-DIMM	Pass	16GB DDR4-2133 1.2V 2R*4	CT16G4RFD4213.36FA2 , MTA36ASF2G72PZ-2G1A2KK	
Crucial	8G DDR4 2133 R-DIMM	Pass	CT8G4RF84213.18FA2 (Micron MTA18ASF1G72PZ-2G1A2IG)	8GB DDR4-2133 1.2V 8R x4 RDIMM	Memory DC Line : 1.200V
InnoDisk	16G DDR4 2133 R-DIMM	Pass	16GB DDR4 2133 W/REG DIMM	M4RR-AGSQXC0G-DE84	
InnoDisk	8G DDR4 2133 R-DIMM	Pass	8GB DDR4 2133 W/REG DIMM	M4RR-8GSQXC0G-DE84	
Kingston	16G DDR4 2133 R-DIMM	Pass	Module : Micron 36ASF2G72PZ-2G1A2	KVR21R15D4/16 16GB PC4-2133 CL15	Memory DC Line : 1.200V
Kingston	8G DDR4 2133 R-DIMM	Pass	9965589-001.A00G 8GB PC34100U	KVR21R15S4/8 8GB PC4-2133 CL15 RDIMM	1.2V

Manufacturer	Item Description	Test Results	Reference		Revision Firmware Stepping
Kingston	8G DDR4 2133 R-DIMM	Pass	Model : HMA41GR7MFR8N-TF	KVR21R15D8/8 8GB PC4-2133 CL15 RDIMM	Memory DC Line : 1.200V
Samsung	16G DDR4 2133 R-DIMM	Pass	M393A2G40DB0-CPB 16GB PC34100U	Samsung 16GB 2Rx4 PC4-2133P-RA0-10-DC0	
Samsung	8G DDR4 2133 R-DIMM	Pass	M393A2G40DB0-CPB 16GB PC34100U	Samsung 16GB 2Rx4 PC4-2133P-RA0-10-DC0	
Transcend	4G DDR4 2133 R-DIMM	Pass	4G 1Rx8 DDR4 2133 REG	TS512MHR72V1H_B59 162-0039	
Transcend	8G DDR4 2133 R-DIMM	Pass	8GB PC4-2133MHz	TS1GHR72V1H	
<b>USB 3.0 HDD</b>			<b>Model Number</b>	<b>P/N</b>	<b>SATA/SSD</b>
Bufflo	BUFFLO MiniStation USB3.0 1.0TB	Pass	HD-PCT1TU3/BW-AP	BUFFALO HD-PCTU3 1TB (USB)	SATA
<b>SATA 3.5" HDD</b>			<b>Model Number</b>	<b>P/N</b>	<b>Type</b>
Seagate	1TB, 7200 rpm, SATA-III 3.5	Pass	ST1000NM0033	9ZM173-003	Consellation® ES.3
Seagate	4TB, 7200 rpm, SATA-III 3.5	Pass	ST4000NM0033	Consellation® ES.3 9ZM170-003 Z1Z26LFL	
Seagate	500GB, 7200 rpm, SATA-II 3.5 "	Pass	HDS725050KLA360	0A31004	
WD	3.5"/1TB/SATA III	Pass	WD1001FYYG-01SL3W1	NA	
WD	400GB, 7200 rpm, SATA-II 3.5 "	Pass	Caviar® SE16	WD4000AAKS	Caviar® SE16
<b>SATA 2.5" HDD</b>			<b>Model Number</b>	<b>P/N</b>	<b>Type</b>
Seagate	500GB,7200 rpm,SATA-II 2.5"	Pass	ST9500620NS	9RZ164-004	
<b>SATA 2.5" SSD</b>			<b>Model Number</b>	<b>P/N</b>	<b>Type</b>
SanDisk	SanDisk 2.5" SATA SD6SB1M-064G	Pass	X110 Solid State Drive	SD6SB1M-064G	
<b>NIC CARDS (see motherboard section for LOM)</b>			<b>Model Number</b>	<b>P/N</b>	<b>Type</b>
INTEL	Intel 2.5" SATA SSDSC2BW080A4 530 Series 80GB	Pass	BTDA40320ARP0806GN	SSDSC2BW080A4	SSDSC2BW080 A4 (80GB, SATA600, 2.5", SSD)
<b>SATA M.2 SSD</b>			<b>Model Number</b>	<b>P/N</b>	<b>Type</b>
Apacer	Apacer flash Driv 32GB (SATA 600, 1",SSD)	Pass	APM2T80A201032GD-BTM	81.5CER2.5T010BB	
Innodisk	Innodisk M.2 (S80) 3ME 128GB (SATA 600, 1",SSD)	Pass	M.2 (S80) 3ME	DEM28-A28D06SCAQC 128GB	
Samsung	Samsung MZHPU128HCGM-00000 (128GB, PCIe600, M.2, SSD)	Pass	MZHPU128HCGM-00000	(128GB, PCIe600, M.2, SSD)	
Transcend	Transcend TS128GMTS800 128GB (SATA 600, 1",SSD)	Pass	TS128GMTS800	(128GB, SATA600, SSD)	
Transcend	Transcend TS256GMTS800 256GB (SATA 600, 1",SSD)	Pass	TS256GMTS800	(256GB, SATA600, SSD)	N0815B
Transcend	Transcend TS32GMTS800 32GB (SATA 600, 1",SSD, 32M Cache)	Pass	TS32GMTS800	(32GB, SATA600, SSD, 32MB Cache)	



Manufacturer	Item Description	Test Results	Reference		Revision Firmware Stepping
Transcend	Transcend TS64GMTS800 64GB (SATA 600, 1",SSD, 32M Cache)	Pass	TS64GMTS800	(64GB, SATA600, SSD, 32MB Cache)	
Unigen	Unigen(TOSHIBA) 1533-128G M.2 2242 SATA3 SSD	Pass	UBM2TPS128HZM3-FTF	(128GB, SATA3, M.2, SSD)	
<b>NIC CARDS (see motherboard section for LOM)</b>			<b>Model Name</b>	<b>P/N</b>	<b>XXX</b>
Intel	Intel X540T2, PCIe v2.1 (5.0GT/s)	Pass	Intel® Ethernet Converged Network Adapter X540-T2	31F87C503ADG4527003, 914248	
Mellanox	Mellanox IB MCB193A-FCAT	Pass			
Mellanox	Mellanox IB MCX354A-QCB Gen3	Pass			
Mellanox	Mellanox MCX353A-FCBT	Pass		MT1317X01681	
<b>HBA &amp; Raid</b>			<b>Model Name</b>	<b>S/N, P/N</b>	<b>Device Name</b>
Adaptec	Adaptec RAID 71605Q	Pass			
Adaptec	ASA-7805H SGL	Pass		3A261331231, 2280800-R	
Adaptec	ASR-7805 SGL	Pass		2A46121CCC4, 2274100-R	
Adaptec	ASR-8805 SGL	Pass		3A50134D4C9, 2277500-R	
LSI	MegaRAID SAS 9380-4i4e	Pass		SV44137660 03-25190-02D	
LSI	SAS 9200-8e	Pass		SP34308437, H3-25260-02F	
LSI	SAS 9207-8e	Pass	LSI SAS9207-8e Gen3	SV35102815, H3-25427-02H	
LSI	SAS 9207-8e SV35102815 H3-25427-02H	Pass		SV34920884, H5-25460-02E	
LSI	SAS 9207-8i	Pass	LSI SAS9207-8i Gen3	SV34319186 H3-25412-00H	
LSI	SAS 9300-4i4e	Pass		SV43715355 H5-25515-00F	
LSI	SAS 9300-8e	Pass		SV34920884, H5-25460-02E	
LSI	SAS 9361-8i	Pass		SV43521119 03-25420-01D	
<b>ODD</b>			<b>Model Name</b>	<b>P/N</b>	<b>XXX</b>
LITEON	LITEON eSAU108-113 4 8X USB EXTERNAL DVD/CD Writer	Pass	eSAU108-113 4		
<b>SATA DVD/CD-RW (half height)</b>			<b>Model Name</b>	<b>P/N</b>	<b>XXX</b>
LITEON	LITEON DVD/CD REWRITABLE DRIVE	Pass	DH-20A3S		
<b>FDD</b>			<b>Model Name</b>	<b>P/N</b>	<b>XXX</b>



Manufacturer	Item Description	Test Results	Reference		Revision Firmware Stepping
MITSUMI	MITSUMI D353FUE, USB ,1.44MB	Pass	D353FUE		
	<b>USB device</b>		<b>Model Name</b>	<b>P/N</b>	<b>XXX</b>
BELKIN	BELKIN Hi-speed USB 2.0 4-Port Lighted Hub	Pass		F5U403	
Microsoft	Microsoft Comfort Curve Keyboard 2000	Pass	1047	x802645-004	
Microsoft	Microsoft Comfort Optical Mouse 3000	Pass	1043	X812481-003	
SanDisk	SanDisk Extreme ® USB 3.0隨身碟 SDCZ80-016G-A75	Pass	USB 3.0	16G	
Transcend	Transcend JetFlash®780	Pass	USB 3.0	8G	
	<b>Supported OSs</b>			<b>Kernel version</b>	
	CentOS 6.5 (onboard SATA AHCI mode x64)	Pass			
	CentOS 6.5 (onboard SATA IDE mode x64)	Pass			
	CentOS 7.0 (onboard LSI 2008-Raid0 mode x64)	Pass			
	CentOS 7.0 (onboard LSI 2008-Raid1 mode x64)	Pass			
	Fedora 20 (onboard SATA AHCI mode x64)	Pass			
	Fedora 20 (onboard SATA IDE mode x64)	Pass			
	Red Hat Enterprise Linux 6.5 (onboard SATA AHCI mode x64)	Pass			
	Red Hat Enterprise Linux 6.5 (onboard SATA-Raid0 mode x64)	Pass			
	Red Hat Enterprise Linux 6.5 (onboard SATA-Raid1 mode x64)	Pass			
	Red Hat Enterprise Linux 7.0 (onboard SATA AHCI mode x64)	Pass			
	SuSE Linux Enterprise Server 11 SP3 (onboard SATA AHCI mode x64)	Pass		3.0.76-0.11	
	SuSE Linux Enterprise Server 11 SP3 (onboard SATA IDE mode x64)	Pass		3.0.76-0.11	
	Ubuntu Server 12.04.2 (onboard SATA AHCI mode x64)	Pass			
	Ubuntu Server 12.04.2 (onboard SATA IDE mode x64)	Pass			
	VMWare ESXi 5.1.0 update 1 (onboard SATA IDE mode x64)	Pass			
	VMWare ESXi 5.5.0 update 1 (onboard SATA AHCI mode x64)	Pass			
	Windows 2008 R2 Datacenter Edition (onboard SATA AHCI mode x64)	Pass			
	Windows 2008 R2 Enterprise Edition (onboard SATA AHCI mode x64)	Pass			
	Windows 2008 R2 Standard Edition (onboard SATA AHCI mode x64)	Pass			
	Windows Server 2012 DataCenter (onboard LSI 2008-Raid0 mode x64)	Pass			
	Windows Server 2012 DataCenter (onboard LSI 2008-Raid1 mode x64)	Pass			
	Windows Server 2012 DataCenter (onboard SATA AHCI mode x64)	Pass			



Manufacturer	Item Description	Test Results	Reference	Revision Firmware Stepping
	Windows Server 2012 DataCenter (onboard SATA IDE mode x64)	Pass		
	Windows Server 2012 standard (onboard SATA AHCI mode x64)	Pass		
	Windows Server 2012 standard (onboard SATA IDE mode x64)	Pass		
	Windows Server 2012 standard (onboard SATA-Raid0 mode x64)	Pass		
	Windows Server 2012 standard (onboard SATA-Raid1 mode x64)	Pass		
	<b>Supported UEFI OSs</b>			
	CentOS 6.5 (onboard SATA AHCI mode x64)	Pass		
	CentOS 7.0 (onboard SATA AHCI mode x64)	Pass		
	Red Hat Enterprise Linux 6.5 (onboard SATA AHCI mode x64)	Pass		
	Windows 2008 R2 Datacenter Edition (onboard SATA AHCI mode x64)	Pass		
	Windows Server 2012 R2 DataCenter (onboard SATA AHCI mode x64)	Pass		
	Windows Server 2012 R2 standard (onboard SATA AHCI mode x64)	Pass		