

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	Haswell-EP Genuine Intel® CPU @ 2.9GHz (QEYA)	Pass	B-0	Haswell-EP	(8C, 3.2GHz, 35MB, 100MHz)
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 E5-2698 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 E5-1650 v3 @ 3.50GHz (QFST)	Pass	R-2	Haswell-EP	(6C 12T 3.49GHz, 6x 256kB L2, 15MB L3)
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 E5-2640 v3 @ 2.60GHz (QGSF)	Pass	R-2	Haswell-EP	(8C 16T 2.6GHz, 8x 256kB L2, 20MB L3)
Intel	Intel® Xeon® CPU E5-2667 v3 @ 3.20GHz (QGSQ)	Pass	R-2	Haswell-EP	(8C 16T 3.2GHz, 8x 256kB L2, 20MB L3)
Intel	Intel® Xeon® CPU E5-2687W v3 @ 3.10GHz (QFS7)	Pass	M-0	Haswell-EP	
<b>Register Memory</b>			<b>Model Name</b>	<b>P/N</b>	<b>Remark</b>
Adata	4G DDR4 2133 R-DIMM	Pass	AD4R2133W4G15-BMIA		
ADATA	4G DDR4 2133 R-DIMM	Pass	ADATA_AD4R2133W4G15-BMIA_DDR4 2133(15) 4GX9 R-DIMM		
Apacer	4G DDR4 2133 R-DIMM	Pass	4GB ECC REG PC4-17000 CL15	78.B1GM0.AF00B	
ATP	8G DDR4 2133 R-DIMM	Pass	8GB DDR4 2133 REG DIMM	A4B08QC4BLPBSO	Memory DC Line : 1.200V
Crucial	16G DDR4 2133 R-DIMM	Pass	16GB DDR4-2133 1.2V 2R*4	CT16G4RFD4213.36FA2 , MTA36ASF2G72PZ-2G1A2KK	
InnoDisk	16G DDR4 2133 R-DIMM	Pass	16GB DDR4 2133 W/REG DIMM	M4RR-AGSQXCOG-DE84	



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InnoDisk	4G DDR4 2133 R-DIMM	Pass	4GB DDR4 2133 REG DIMM	M4R0-4GSSACRG Memory DC Line : 1.200V
InnoDisk	4G DDR4 2133 R-DIMM	Pass	ACT4GJR72N8J2133S	41306, A1306
InnoDisk	4G DDR4 2133 R-DIMM	Pass	ACTICA_ACT4GJR72N8J2133S_4GB DDR4-2133 REG ECC	
InnoDisk	8G DDR4 2133 R-DIMM	Pass	8GB DDR4 2133 W/REG DIMM	M4RR-8GSQEC0G-D00
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
Kingston	8G DDR4 2133 R-DIMM	Pass	Model : HMA41GR7MFR8N-TF	KVR21R15D8/8 8GB PC4-2133 CL15 RDIMM Memory DC Line : 1.200V
Micron	8G DDR4 2133 R-DIMM	Pass	MTA18ASF1G72PZ-2G1AVESEG	BZAG76W004
Smart	8G DDR4 2133 R-DIMM	Pass	8GB 1Rx4 PC4-2133P-RC0-10-DC0	M393A1G40DB0-CPB 8GB PC34100U
Transcend	4G DDR4 2133 R-DIMM	Pass	TS512MHR72V1H	4GB DDR4 2133 REG-DIMM 1Rx8
Transcend	8G DDR4 2133 R-DIMM	Pass	8GB 2Rx8 DDR4 2133 REG	TS1GHR72V1H 8GB PC34100U
	<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>
HGST	2TB SATA3 7200	Pass	DK7SAF200	
Seagate	3.5"/1TB/SATA	Pass	ST1000NM0033	9ZM173-003 Consellation® ES.3
Seagate	320GB, 7200 rpm, SATA-II 3.5 ", NCQ	Pass	Barracuda 7200.10	ST3320820AS
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
Seagate	80GB, 7200rpm, SATA 3.5 "	Pass	ST380815AS	9CY131-313
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	9RZ164-003
Seagate	500GB, 5400	Pass	Momentus 5400.6	ST9500325ASG
	<b>SATA 2.5" SSD</b>		<b>Model Number</b>	<b>P/N</b> <b>Type</b>
Intel	INTEL PRO/1000PT Gigabit Server Adapter, PCI-E x1	PASS		
INTEL	Intel 2.5" SATA SSDSA2CW080G3 320 Series 80GB	Pass	CVPR211003XZ080BGN	SSDSA2CW080G3



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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 Name</b>	<b>P/N</b>	<b>XXX</b>
Intel	Intel X540T1, PCIe 2.1 (5.0 GT/s)	Pass	Intel® Ethernet Converged Network Adapter X540-T1	3100AA493ADG54042005, 914246	
	<b>HBA &amp; RAID</b>		<b>Model Name</b>	<b>S/N, P/N</b>	<b>Device Name</b>
Adaptec	ASA-7805H SGL	Pass		3A261331231, 2280800-R	
LSI	SAS 9207-8e	Pass	LSI SAS9207-8e Gen3	SV35102815, H3-25427-02H	
	<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>
Pioneer	Pioneer DVR-212 18X SATA DVDRW	Pass	DVR-212		
TEAC	TEAC DV-W28EC-PUBA USB DVDRW	Pass	DV-W28EC-PUBA		
	<b>FDD</b>		<b>Model Name</b>	<b>P/N</b>	<b>XXX</b>
TEAC	TEAC FD-05PUW External FDD unit	Pass	FD-05PUW-261		
	<b>USB device</b>		<b>Model Name</b>	<b>P/N</b>	<b>XXX</b>
Apacer	Apacer AH354 16G USB3.0 Drive	Pass		AP16GAH354	
Kingston	Kingston DataTraveler 2GB USB2.0 Drive	Pass		DTI/2GBFE	
Kingston	Kingston DataTraveler 2GB USB2.0 Drive	Pass		DTI/2GBFE	
LITEON	LITEON eSAU108-113 4 8X USB EXTERNAL DVD/CD Writer	Pass	eSAU108-113 4		
Logitech	Logitech M-UV83 Mouse	Pass	M-UV83	831093-A000	
Microsoft	Microsoft Comfort Curve Keyboard 2000	Pass	1047	x802645-004	
Microsoft	Microsoft Comfort Optical Mouse 3000	Pass	1043	X812481-003	
Pioneer	Pioneer DVR-X122 USB DVDRW	Pass	DVR-X122		
SANYO	SANYO CAN-1002R Keyboard	Pass	CAN-1002R		
Sony	SONY USB3.0 Drive	Pass			
TEAC	TEAC FD-05PUW-261 2x Speed Portable USB 1.44MB FDD Unit	Pass	FD-05PUW-261		
Transcend	Transcend JetFlash®V30 1GB USB 2.0 Drive	Pass		TS1GJFV30	
	<b>Supported OS</b>			<b>Kernel version</b>	
	CentOS 6.5 (onboard SATA AHCI mode x64)	Pass			
	CentOS 6.5 (onboard SATA AHCI mode x64)	Pass			
	CentOS 6.5 (onboard SATA IDE mode x64)	Pass			
	CentOS 6.5 (onboard SATA IDE mode x64)	Pass			
	Fedora 20 (onboard SATA AHCI mode x64)	Pass			
	Fedora 20 (onboard SATA IDE mode x64)	Pass			
	Red Hat Enterprise Linux 6.4 (onboard SATA AHCI mode x64)	Pass			
	Red Hat Enterprise Linux 6.4 (onboard SATA AHCI mode x64)	Pass			
	Red Hat Enterprise Linux 6.4 (onboard SATA IDE mode x64)	Pass			



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	Red Hat Enterprise Linux 6.5 (onboard SATA AHCI mode x64)	Pass		
	Red Hat Enterprise Linux 6.5 (onboard SATA AHCI mode x64)	Pass		
	Red Hat Enterprise Linux 6.5 (onboard SATA IDE mode x64)	Pass		
	Red Hat Enterprise Linux 6.5 (onboard SATA IDE 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 6.5 (onboard SATA-Raid10 mode x64)	Pass		
	Red Hat Enterprise Linux 6.5 (onboard SATA-Raid5 mode x64)	Pass		
	Red Hat Enterprise Linux 7.0 (onboard SATA AHCI mode x64)	Pass		
	Red Hat Enterprise Linux 7.1 (onboard SATA AHCI mode x64)	Pass		
	SuSE Linux Enterprise Server 11 SP3 (onboard SATA AHCI mode x64)	Pass		
	SuSE Linux Enterprise Server 11 SP3 (onboard SATA IDE mode x64)	Pass		
	Windows 10 Enterprise_insider_preview_10074 (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 8.1 Enterprise (onboard SATA AHCI mode x64)	Pass		3.0.76-0.11
	Windows 8.1 Enterprise (onboard SATA IDE mode x64)	Pass		3.0.76-0.11
	Windows Server 2012 DataCenter (onboard SATA AHCI mode x64)	Pass		
	Windows Server 2012 DataCenter (onboard SATA IDE mode x64)	Pass		
	Windows Server 2012 DataCenter (onboard SATA-Raid0 mode x64)	Pass		
	Windows Server 2012 DataCenter (onboard SATA-Raid1 mode x64)	Pass		
	Windows Server 2012 DataCenter (onboard SATA-Raid10 mode x64)	Pass		
	Windows Server 2012 DataCenter (onboard SATA-Raid5 mode x64)	Pass		
	Windows Server 2012 R2 DataCenter (onboard SATA AHCI mode x64)	Pass		
	Windows Server 2012 R2 DataCenter (onboard SATA IDE mode x64)	Pass		



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	Windows Server 2012 R2 DataCenter (onboard SATA-Raid0 mode x64)	Pass		
	Windows Server 2012 R2 DataCenter (onboard SATA-Raid1 mode x64)	Pass		
	Windows Server 2012 R2 standard (onboard SATA AHCI mode x64)	Pass		
	Windows Server 2012 R2 standard (onboard SATA IDE mode x64)	Pass		
	Windows Server 2012 standard (onboard SATA AHCI mode x64)	Pass		