

| Manufacturer | Item Description | Test Results | Reference | | Revision Firmware Stepping |
|-------------------------------|--|--------------|--|--------------------|--|
| FC LGA2011-3 Processor | | | Stepping level | | P/N |
| 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, |
| Intel | Intel® Xeon® CPU E5-2680 v4 @ 2.40GHz (QK92) | Pass | M-0 | Broadwell-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 E5-2698 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 E5-2699 v4 @ 2.20GHz (SR2JS) | Pass | B-0 | Broadwell-EP | (22C 44T 3.59GHz, 3.6GHz IMC, 22x 256kB L2, 55MB L3) |
| 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 | |
| Register Memory | | | Model Name | | P/N |
| ADATA | 4G DDR4 2133 R-DIMM | Pass | ADATA_AD4R2133W4G15-BMIA_DDR4 2133(15) 4GX9 R-DIMM | AD4R2133W4G15-BMIA | |
| Adata | 4G DDR4 2133 R-DIMM | Pass | 4GB DDR4 2133(15) 4GX9 R-DIMM | AD4R2133W4G15-BHYM | Approved on E5-2600 V4 |
| Apacer | 4G DDR4 2133 R-DIMM | Pass | 4GB ECC REG PC4-17000 CL15 | 78.B1GM0.AF00B | |

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| ATP | 8G DDR4 2133 R-DIMM | Pass | 8GB DDR4 2133 REG DIMM | A4B08QC4BLPBSO Memory DC Line : 1.200V |
| Crucial | 4G DDR4 2133 R-DIMM | Pass | 4GB DDR4 2133 RDIMM 288 PIN ECC 4GB DDR4 2133 1.2v SRX8 R-DIMM | CT4G4RF58213 Approved on E5-2600 V4 |
| Crucial | 16G DDR4 2133 R-DIMM | Pass | 16GB DDR4-2133 1.2V 2R*4 | CT16G4RFD4213.36FA2 , MTA36ASF2G72PZ-2G1A2KK |
| Crucial | 16G DDR4 2400 R-DIMM | Pass | 16GB DDR4-2400 RDIMM 1.2v | CT16G4RFD824A.18FA1 Approved on E5-2699 V4@2.20GHz |
| Crucial | 32G DDR4 2133 R-DIMM | Pass | 32G DDR4-2133 RDIMM 1.2 | CT32G4RFD4213.36FA1 Approved on E5-2699 V4@2.20GHz |
| InnoDisk | 4G DDR4 2133 R-DIMM | Pass | ACT4GJR72N8J2133S | 41306, A1306 |
| InnoDisk | 4G DDR4 2133 R-DIMM | Pass | ACTICA_ACT4GJR72N8J2133S_4GB DDR4-2133 REG | |
| InnoDisk | 4G DDR4 2133 R-DIMM | Pass | 4GB DDR4 2133 REG DIMM | M4R0-4GSSACRG Memory DC Line : 1.200V |
| InnoDisk | 8G DDR4 2133 R-DIMM | Pass | 8GB DDR4 2133 W/REG DIMM | M4RR-8GSQXC0G-DE84 |
| InnoDisk | 8G DDR4 2133 R-DIMM | Pass | 8GB DDR4 2133 W/REG DIMM | M4RR-8GSQXC0G-D00 |
| InnoDisk | 16G DDR4 2133 R-DIMM | Pass | 16GB DDR4 2133 W/REG DIMM | M4RR-AGSQXC0G- |
| InnoDisk | 16G DDR4 2400 R-DIMM | Pass | 16GB DDR4-2400 REG DIMM | M4R0-AGS3ECSJ-E84 Approved on E5-2600 V4 |
| 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 |
| Kingston | 16G DDR4 2133 R-DIMM | Pass | Module : Micron 36ASF2G72PZ-2G1A2 | KVR21R15D4/16 16GB PC4-2133 CL15 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 |
| Transcend | 16G DDR4 2133 R-DIMM | Pass | Transcend 16GB DDR4-2133 REG DIMM | TS2GHR72V1Z Approved on E5-2600 V4 |
| | NVDIMM | | NVDIMM | P/N SUPERCAP |

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| Micron | 8G DDR4 2133 NVDIMM | Pass | Micron NVDIMM : MTA18ASF1G72PF1Z-2G1Y1YAAESIG 8GB 1Rx4 PC4-2133P-RZZ-10 | AGIGA9811-001BCA, 021504000001 89-05 |
| Smart | 8G DDR4 2133 NVDIMM | Pass | Smart NVDIMM : SH1027NR410451SD 8GB 1RX4 NN4-2133P-RZZZ-10 | SSC18041SMT0 031B |
| Viking | 8G DDR4 2133 NVDIMM | Pass | Viking NVDIMM : VRA9MR8B2H16 8GB 1Rx4-2133P-RZZ-15 | 205746531, VRCP100FH30F |
| USB 3.0 HDD | | | Model Number | P/N |
| Bufflo | BUFFLO MiniStation USB3.0 1.0TB | Pass | HD-PCT1TU3/BW-AP | BUFFALO HD-PCTU3 1TB (USB) |
| SATA 3.5" HDD | | | Model Number | P/N |
| HGST | 2TB SATA3 7200 | Pass | DK7SAF200 | |
| Seagate | 80GB, 7200rpm, SATA 3.5 " | Pass | ST380815AS | 9CY131-313 |
| Seagate | 320GB, 7200 rpm, SATA-II 3.5 ", NCQ | Pass | Barracuda 7200.10 | ST3320820AS |
| Seagate | 500GB, 7200 rpm, SATA-II 3.5 " | Pass | HDS725050KLA360 | 0A31004 |
| Seagate | 4TB, 7200 rpm, SATA-III 3.5 | Pass | ST4000NM0033 | Consellation® ES.3 9ZM170-003 Z1Z26LFL |
| Seagate | 3.5"/1TB/SATA | Pass | ST1000NM0033 | 9ZM173-003 |
| WD | 400GB, 7200 rpm, SATA-II 3.5 " | Pass | Caviar® SE16 | WD4000AAKS |
| SATA 2.5" HDD | | | Model Number | P/N |
| Seagate | 500GB,7200 rpm,SATA-II 2.5" | Pass | ST9500620NS | 9RZ164-003 |
| Seagate | 500GB, 5400 | Pass | Momentus 5400.6 | ST9500325ASG |
| SAS 3.5" HDD | | | Model Number | P/N |
| INTEL | Intel 2.5" SATA SSDSA2CW080G3 320 Series 80GB | Pass | CVPR211003XZ080BGN | SSDSA2CW080G3 |
| SanDisk | SanDisk 2.5" SATA SD6SB1M-064G | Pass | X110 Solid State Drive | SD6SB1M-064G |
| NIC CARDS (see motherboard section for LOM) | | | Model Name | P/N |
| Intel | INTEL PRO/1000MT Dual port Gigabit Server adapter, PCI-X133 | PASS | | |
| Intel | INTEL PRO/1000PT Dual Port Gigabit Server Adapter, PCI-E x 4 | PASS | | |
| Intel | Intel X540T1, PCIe 2.1 (5.0 GT/s) | Pass | Intel® Ethernet Converged Network Adapter X540-T1 | 3100AA493ADG540420 05, 914246 |
| HBA & Raid | | | Model Name | S/N, P/N |
| Adaptec | ASA-7805H SGL | Pass | | 3A261331231, 2280800-R |
| LSI | SAS 9207-8e | Pass | LSI SAS9207-8e Gen3 | SV35102815, H3-25427-02H |
| Other PCIE Devices | | | Model Name | P/N |
| | Intel Phi Coprocessor | Pass | | |

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| | ODD | | Model Name | P/N |
| LITEON | LITEON eSAU108-113 4 8X USB EXTERNAL DVD/CD Writer | Pass | eSAU108-113 4 | XXX |
| TEAC | TEAC DV-W28EC-PUBA USB DVDRW | Pass | DV-W28EC-PUBA | |
| | FDD | | Model Name | P/N |
| TEAC | TEAC FD-05PUW External FDD unit | Pass | FD-05PUW-261 | XXX |
| | USB device | | Model Name | P/N |
| 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 Optical Mouse 3000 | Pass | 1043 | X812481-003 |
| Microsoft | Microsoft Comfort Curve Keyboard 2000 | Pass | 1047 | x802645-004 |
| 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 |
| | Supported OSs | | | |
| | CentOS 6.5 (onboard SATA AHCI 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 IDE 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-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 | | |

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|--------------|---|--------------|-----------|----------------------------|
| | 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 | | |
| | Windows 8.1 Enterprise (onboard SATA IDE mode x64) | Pass | | |
| | Windows Server 2012 DataCenter (onboard SATA AHCI mode) | Pass | | |
| | Windows Server 2012 DataCenter (onboard SATA IDE mode) | 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 standard (onboard SATA AHCI mode x64) | Pass | | |
| | Supported UEFI OSs | | | |
| | CentOS 6.5 (onboard SATA AHCI mode x64) | Pass | | |
| | CentOS 6.5 (onboard SATA IDE mode x64) | Pass | | |
| | Red Hat Enterprise Linux 6.4 (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 | | |
| | Windows Server 2012 R2 DataCenter (onboard SATA AHCI mode x64) | Pass | | |
| | Windows Server 2012 R2 DataCenter (onboard SATA IDE mode x64) | Pass | | |
| | 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) | Pass | | |
| | Windows Server 2012 R2 standard (onboard SATA IDE mode) | Pass | | |