

"MD70-HB2" Qualification Vender List - Others Ver:1.0

CPU Haswell-EP (LGA2011-3)

| Vendor | Model Name | SPEC |
|--------|-------------|--|
| Intel | E5-2603v3 | 1.60 GHz 85W 6Cores 15MB LGA 2011-3 R-2 QGSK |
| Intel | E5-2609 v3 | 1.9 GHz 85W 6Cores 15MB LGA 2011-3 M-1 QGPN |
| Intel | E5-2620 v3 | 2.40 GHz 85W 6Cores 15MB LGA 2011-3 R-2 QGSH |
| Intel | E5-2622 v3 | 2.40 GHz 85W 8Cores 20MB LGA 2011-3 R-2 QFRE |
| Intel | E5-2623 v3 | 3.00 GHz 105W 4Cores 10MB LGA 2011-3 R-2 QGSS |
| Intel | E5-2630 v3 | 2.40 GHz 85W 8Cores 20MB LGA 2011-3 R-2 QGZX |
| Intel | E5-2630LV3 | 1.80 GHz 55W 8Cores 20MB LGA 2011-3 R-2 QGST |
| Intel | E5-2637 v3 | 3.5 GHz 135W 4Cores 15MB LGA 2011-3 R-2 QGSP |
| Intel | E5-2640 v3 | 2.60 GHz 90W 8Cores 20MB LGA 2011-3 R-2 QGSF |
| Intel | E5-2643 v3 | 3.40 GHz 135W 6Cores 20MB LGA 2011-3 R-2 QGSR |
| Intel | E5-2650 v3 | 2.3 GHz 105W 10Cores 25MB LGA 2011-3 M-1 QGPL |
| Intel | E5-2650LV3 | 1.80 GHz 65W 12Cores 30 MB LGA 2011-3 M-1 QGPB |
| Intel | E5-2652 v3 | 2.3 GHz 105W 10Cores 25MB LGA 2011-3 M-1 QGP3 |
| Intel | E5-2660 v3 | 2.6 GHz 105W 10Cores 25MB LGA 2011-3 M-1 QGP1 |
| Intel | E5-2667 v3 | 3.20 GHz 135W 8Cores 20MB LGA 2011-3 R-2 QGSQ |
| Intel | E5-2670 v3 | 2.3 GHz 120W 12Cores 30MB LGA 2011-3 M-1 QGP2 |
| Intel | E5-2680V3 | 2.50 GHz 120W 12Cores 30MB LGA 2011-3 M-1 QGNZ |
| Intel | E5-2683 v3 | 2.0 GHz 120W 14Cores 35 MB LGA 2011-3 C-1 QGN5 |
| Intel | E5-2685 v3 | 2.6 GHz 120W 12Cores 30MB LGA 2011-3 M-1 QGPK |
| Intel | E5-2687W v3 | 3.10 GHz 160W 10Cores 25MB LGA 2011-3 M-1 QGPG |
| Intel | E5-2690 v3 | 2.6 GHz 135W 12Cores 30MB LGA 2011-3 M-1 QGNY |
| Intel | E5-2695 v3 | 2.3 GHz 120W 14Cores 35 MB LGA 2011-3 C-1 QGN4 |
| Intel | E5-2697 v3 | 2.6 GHz 145W 14Cores 35 MB LGA 2011-3 C-1 QGN3 |
| Intel | E5-2698 v3 | 2.3 GHz 135W 16Cores 40MB LGA 2011-3 C-1 QGN2 |
| Intel | E5-2699 v3 | 2.3 GHz 145W 18Cores 45MB LGA 2011-3 C-1 QGN1 |

CPU Broadwell-EP (LGA2011-3)

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| Intel | E5-2618L v4 | 2.2 GHz 75W 10Cores 25MB LGA 2011-3 R-0 QKF9 |
| Intel | E5-2628L v4 | 1.9 GHz 75W 12Cores 30MB LGA 2011-3 M-0 QK9B |
| Intel | E5-2630 v4 | 2.2 GHz 85W 10Cores 25MB LGA 2011-3 R-0 QKET |
| Intel | E5-2630L v4 | 1.8 GHz 55W 8Cores 25MB LGA 2011-3 R-0 QKEX |
| Intel | E5-2640 v4 | 2.4 GHz 90W 10Cores 25MB LGA 2011-3 R-0 QKEU |
| Intel | E5-2643 v4 | 3.4 GHz 135W 6Cores 20MB LGA 2011-3 R-0 QKEZ |
| Intel | E5-2648LV4 | 1.8 GHz 75W 14Cores 35MB LGA 2011-3 M-0 QK9C |
| Intel | E5-2650 v4 | 2.2 GHz 105W 12Cores 30MB LGA 2011-3 M-1 QK8Y |
| Intel | E5-2650LV4 | 1.7 GHz 65W 14Cores 35MB LGA 2011-3 M-0 QK93 |
| Intel | E5-2658 v4 | 2.3 GHz 105W 14Cores 35MB LGA 2011-3 M-0 QK9A |
| Intel | E5-2660 v4 | 2.0 GHz 105W 14Cores 35MB LGA 2011-3 M-1 QK8Z |
| Intel | E5-2667 v4 | 3.2 GHz 135W 8Cores 25MB LGA 2011-3 R-0 QKF0 |
| Intel | E5-2680 v4 | 2.4 GHz 120W 14Cores 35MB LGA 2011-3 M-0 QK92 |
| Intel | E5-2683 v4 | 2.1 GHz 120W 16Cores 40MB LGA 2011-3 B-0 QK7K |
| Intel | E5-2687W v4 | 3.0 GHz 160W 12Cores 30MB LGA 2011-3 M-0 QK99 |
| Intel | E5-2689 v4 | 3.1 GHz 165W 10Cores 25MB LGA 2011-3 B-0 QK7Z |
| Intel | E5-2690 v4 | 2.6 GHz 135W 14Cores 35MB LGA 2011-3 M-0 QK8X |
| Intel | E5-2695 V4 | 2.1 GHz 120W 18Cores 45MB LGA 2011-3 B-0 QK3E |
| Intel | E5-2697A v4 | 2.6 GHz 145W 16Cores 40MB LGA 2011-3 B-0 QK7S |
| Intel | E5-2697 V4 | 2.3 GHz 145W 18Cores 45MB LGA 2011-3 B-0 QK7L |
| Intel | E5-2698 V4 | 2.2 GHz 135W 20Cores 50MB LGA 2011-3 B-0 QK7M |
| Intel | E5-2699 v4 | 2.2 GHz 145W 22Cores 55MB LGA 2011-3 B-0 QK7J |
| INNODISK | M4R0-8GSQECRG | 8GB DDR4 2133 W/REG DIMM |
| INNODISK | M4R0-AGSQGCRG | 16GB DDR4 2133 W/REG DIMM |
| Transcend | TS2GHR72V1Z | 16G 2Rx4 DDR4 2133 REG |
| Kingston | KVR21R15S4/8 | 8GB 1Rx4 PC4-2133P-RC0-10 1.2V |
| Kingston | KVR21R15D4/16 | 16GB 2Rx4 PC4-2133P-RA0-10 1.2V |
| Kingston | KVR21R15S4/8HA | 8GB 1Rx4 PC4-2133P-RC0-10 1.2V |
| Kingston | KVR21R15D4/16HA | 16GB 2Rx4 PC4-2133P-RA0-10 1.2V |
| Kingston | KVR21R15D8/8 | 8GB 2133MHZ DDR4 ECC Reg CL15 DIMM Dr X8 |
| Kingston | KVR21L15Q4/32 | 32GB 2133MHZ DDR4 ECC CL15 Lrdimm QR X4 W/TS |
| Micron | MTA9ASF51272PZ-2G1A2HG | 4GB 1Rx8 PC4-2133P-RDP-10 |
| Micron | MTA18ASF1G72PZ-2G1 | 8GB 1Rx4 PC4-2133N-RCP-05 RDIMM |
| Micron | MTA18ASF1G72PDZ-2G1A1 | 8GB PC4-17000 DDR4-2133MHz ECC Registered CL15 288-Pin DIMM 1.2V |
| Micron | MTA36ASF2G72PZ-2G1A2IG | 16GB DDR4-2133 1.2V DRx4 RDIMM |
| Micron | MTA72ASS4G72LZ-2G1A11G | 32GB DDR4 2133 ECC REG 1.2V Quad Rank LRDIMM |
| TeamGroup | T4D6R10S62000 | 8GB DDR4-2133 |
| TeamGroup | T4E1R10S62000 | 16GB DDR4-2133 |
| TeamGroup | T4C8R10H62159 | 4GB DDR4-2133 |
| TeamGroup | T4D4R10H62158 | 8GB DDR4-2133 |
| Acpl | CMA6-3GA01CAR01MEO | 8GB DDR4-2133 REG DIMM |
| INNODISK | M4R0-AGS3ECSJ | 16GB DDR4 2400 W/REGDIMM |
| Smsung | M393A2K40BB1 | 16GB DDR4 2400 W/REGDIMM |
| V-Color | TR16G18C15-093E | 16G 1Gx8 2Rx8 PC4-17000 16GB ECC REG 1.2v |

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| innodisk | M4R0-BGS3GCSJ | 32GB DDR4 2400 REGDIMM |
| SAMSUNG | M393A4K40BB1-CRC0Q | 32GB 2RX4 PC4-2400T-RA1-11DC0 |
| INNODISK | M4R0-AGCQGCRG | 16GB DDR4 2133 R-DIMM |
| INNODISK | M4R0-BGC3GCRG | 32GB DDR4 2133 R-DIMM |
| Crucial | CT16G4RFD824A_18FB1 | 16GB DDR4 2400 RDIMM 1.2V CL17 |
| Micron | MTA18ASF2G72P | 16GB DDR4 2400T REB 10 |
| Hard Drive SAS (May need RAID card support) | | |
| Vendor | Model Name | SPEC |
| HGST | HUC101212CSS600 | 2.5" 1.2TB SAS 6Gb/s 64MB 10KRPM (F/W:A35A) |
| HGST | HUC109090CSS600 | 2.5" 900GB SAS 6Gb/s 64MB 10K RPM (F/W:A440) |
| HGST | HUC156060CSS200 | 2.5" SFF Hot Plug SAS 600GB, 12Gb/s, 15K, 512B |
| HGST | HUS724040ALS640 | 3.5" 4TB SAS-2 7200rpm (F/W:A152) |
| HGST | HUS726060ALS640 | 3.5" 6TB Ultrastar He6 Enterprise SAS 6.0GB/s 7200 rpm 64MB |
| Seagate | ST3300657SS | 3.5" 300GB SAS 6Gb/s Cheetah15K 16MB Cache 15000RPM (F/W:0008) |
| Seagate | ST9146853SS | 2.5" 146GB SAS 6Gb/s Savvio15K 64MB Cache 15000RPM (F/W:0002) |
| Seagate | ST4000NM0023 | 4TB, 3.5" SAS 7200RPM, Constellation ES.3, 6Gb/s, Megalodon, 128MB |
| Seagate | ST6000NM0034 | 6TB 7200 RPM 128MB Cache SAS 12Gb/s 3.5" Enterprise (F/W:E001) |
| Seagate | ST6000NM0014 | 3.5" 6TB 7200 RPM 128MB Cache SAS 12Gb/s Enterprise (F/W:K001) |
| WD | WD3001BKHG-02D22V1 | 2.5" 300G SAS XE 32MB Cache 10000RPM (F/W:02D22V1) |
| Hard Drive SATA | | |
| Vendor | Model Name | SPEC |
| HGST | HMS5C4040BLE640 | 3.5" SATA 4TB 64MB SATA3 6Gb/s (F/W:5D0) |
| HGST | HUS726060ALA640 | 3.5" 6TB SATA 6Gb/s 7.2K RPM 64M 0F18335 |
| HGST | HUA722010CLA330 | 3.5" 1TB SATAII 7200RPM (F/W:3EA) |
| HGST | HUH728080ALE600 | 3.5" 8TB SATA 6.0Gb/s 7200 RPM 128MB Cache |
| HGST | HUS726060ALE610 | 3.5" 6TB SATA 6.0Gb/s 7200 RPM 128MB Cache (F/W:517) |
| Toshiba | MG04ACA500E | 3.5" 5TB 6.0Gb /s SATA 7200 RPM 128MB |
| TOSHIBA | MG03ACA300 | 3.5" 3TB, SATA 6.0Gb/s 64MB, 7200 RPM (FL0A) |
| WD | WD4000FYYZ-01UL1B0 | 3.5" 4TB SATAIII RE4 64MB Cache 7200RPM |
| WD | WD4000FYYZ-01UL1B1 | 3.5" 4TB SATAIII RE 64MB Cache |
| WD | WD2500BHTZ-04JCPV0 | 2.5" 250 GB/64 MB SATA 6Gb/s /10,000 |
| WD | WD6001FSYZ-01SS7B0 | 3.5" 6TB SATA 6Gb/s (F/W:) |
| Seagate | ST9250610NS | 2.5" 250G SATAIII Constellation.2 64MB Cache 7200RPM (F/W:SN02) |
| Seagate | ST1000DM003 | 1TB Seagate SATA 7.2K rpm, 3.5" ST1000DM003, Grenada, 6Gb/s, (4K) |
| Seagate | ST6000NM0024 | 6TB Seagate SATAIII 7.2K rpm, 3.5" ST6000NM0024, 6Gb/s |
| Seagate | ST6000NM0004 | 3.5" 6TB ENT CAP 3.5 HDD SATA 7200 RPM 128MB (F/W: NN01) |
| Seagate | ST91000640NS | 2.5"1TB SATAIII 7.2K rpm 6.0Gb / s 64MB (F/W: SN03) |
| Seagate | ST2000NX0253 | 2.5" 2TB 6.0Gb /s SATA 7200 RPM 128MB |
| Hard Drive SSD | | |
| Vendor | Model Name | SPEC |
| Seagate | XF1212-1A0512 | SATAIII 2.5" SSD 480GB (FW:PROLU617) |
| ADATA | ASX1000LS7-240GM | 2.5" SATA 6Gb/s |
| Intel | SSDPEDMD400G4 | Intel SSD Card DC P3700 Series SSDPEDMD400G4 400GB |
| Intel | SSDPEDME400G4 | Intel SSD DC P3600 Series SSDPEDME400G4 400GB |
| Intel | SSDPEDMX012T4 | Intel SSD DC P3500 Series SSDPEDMX012T4 1.2TB |
| SATA DOM | | |
| Vendor | Model Name | SPEC |
| INNODISK | DESMH-64GD07SW1DC | MH 3ME DESMH-64GD07SW1DC 64GB SATA III |
| INNODISK | DESMH-64GD07SC1DC | MH 3ME DESMH-64GD07SC1DC 64GB SATA III |
| INNODISK | DESSV-64GD07RCADCF | MH 3ME DESSV-64GD07RCADCF 64GB SATA III |
| RAID Card | | |
| Vendor | Model Name | SPEC |
| LSI | MegaRAID SAS 9240-8i(LSI 2008) | PCI-E x8, 6Gb/s, SAS, 8-port IOP based |
| LSI | MegaRAID SAS 9260-8i(LSI 2008) | PCI-E x8, 6Gb/s, SAS, 8-port IOP based |
| LSI | MEGARAID LSI 9271-8i | SAS 6GB/S8-PORT SATA+SAS L3-25413-10A PCI-E 3.0 |
| LSI | LSI 8308ELP | PCI-E x8 SAS RAID card |
| Gigabyte | GC-MSEE4 | Two-Lane PCI-Express 2.0 to four-port 6 Gpbs SATAHost Bus Adapter |
| Gigabyte | GC-MSLZ2-00 REV:2.0 | LSI 2008, 8 internal ports SAS 6G HBA card |
| Gigabyte | GC-MSLZ4 | LSI 2008, 2 x Mini-SAS connectors for up to 8 x SAS 6Gb/s ports (external) |
| Gigabyte | RA201-A | LSI SAS2208 SAS Controller PCI-E Gen 3 x8 |
| Gigabyte | RA200-8 | LSI SAS2308 SAS I/O Controller PCI-E Gen 3 x8 |
| Promise | Promise SuperTrak EX8760 | PCI-E x8 SAS RAID card |
| Promise | Promise FastTrak EX8650 | PCI-E x8 SAS RAID card |
| Adaptec | ASR-8805 | 1024MB 12Gb/s PCIe Gen3 SAS/SATA RAID |
| Adaptec | ASR-8885Q | 1024MB 12Gb/s PCIe Gen3 SAS/SATA RAID |
| Adaptec | ASR-81605ZQ | 1024MB 12Gb/s PCIe Gen3 SAS/SATA RAID |
| LAN Card | | |
| Vendor | Model Name | SPEC |
| Solarflare | SFN7322F | Solarflare Flareon Ultra SFN7322F Dual Port 10GbE SFP+ |

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| Solarflare | SFN6122F | Solarflare SFN6122F Dual Port 10GbE SFP+ Server Adapter |
| Gigabyte | GC-MNXE21 REV:1.0 | (Infiniband card/CX-3 MT275*/FDR 4x/2port/PCIE Gen3 x8) |
| Gigabyte | GC-MLBZ1 REV2.0 | PCI-Express x8 Broadcom BCM57810S 10G LAN card |
| Intel | PRO/1000PT | PCI-E x1 LAN Adapter |
| Emulex | OCE14102-NX | 10GBIT/S Ethernet Adapter 2port Direct |
| Emulex | OCE14101-NX | 10GBIT/S Ethernet Adapter 1port Direct |
| Gigabyte | CLN4831 | Single SFP+ , INTEL 82599EN |
| Gigabyte | CLN4832 | Dual SFP+ , INTEL 82599ES |
| PSU | | |
| Vendor | Model Name | SPEC |
| SilverStone | SST-ST1000-G | 1000W Single Power supply |
| SilverStone | SST-ST85F-GS | 850W Single Power supply |
| SUPER FLOWER | SF-850F14MG | 850W Single Power supply |
| SeaSonic | SS-1250XM | 1250W Single Power supply |
| FSP | FSP FSP850-50AAG 850W | ATX |
| FSP | FSP FSP600-80PSA 600W | ATX |
| FSP | FSP EVEREST 85plus 600W | ATX2.0 |
| USB 3.0 Device | | |
| Vendor | Model Name | SPEC |
| Toshiba | Toshiba | 500GB USB 3.0 HDD |
| SILICON POWER | SILICON POWER | USB 3.0 Flash |
| ADATA | ADATA SUPERIOR S102 PRO 8GB | USB 3.0 Flash |
| MUKii | MUKii TIP-D185U3 | USB 3.0 Device |
| CyberSLIM | CyberSLIM S1-DS3 TURBO | USB 3.0 Device |