

" GS-R22PE "Qualification Vender List - Others Ver:1.0

CPU IVY BRIDGE-EP (LGA2011)

Vendor	Model Name	SPEC
Intel	E5-2643V2	3.5 GHz DP 6 25MB 1866 MHz 130W Q F69 M1
Intel	E5-2643V2	3.5 GHz DP 6 25MB 1866 MHz 130W Q EMH M0
Intel	E5-2637V2	3.5 GHz DP 4 15MB 1866 MHz 130W Q F8V S1
Intel	E5-2690V2	3.0 GHz DP 10 25MB 1866 MHz 130W Q F6R M1
Intel	E5-2690V2	3.0 GHz DP 10 25MB 1866 MHz 130W Q ENR M0
Intel	E5-2680V2	2.8 GHz DP 10 25MB 1866 MHz 115W Q F6T M1
Intel	E5-2680V2	2.8 GHz DP 10 25MB 1866 MHz 115W Q EN1 M0
Intel	E5-2697V2	2.7 GHz DP 12 core 30MB 8 1866 MHz 130W Q EEY C0
Intel	E5-2697V2	2.7 GHz DP 12 30MB 1866 MHz 130W Q F93 C1
Intel	E5-2650V2	2.6 GHz DP 8 20MB 1866 MHz 95W Q F6X M1
Intel	E5-2650V2	2.6 GHz DP 8 20MB 1866 MHz 95W Q EN5 M0
Intel	E5-2630V2	2.6 GHz DP 6 15MB 1600 MHz 80W Q F7P S1
Intel	E5-2609V2	2.5 GHz DP 4 10MB 1333 MHz 80W Q F89 S1
Intel	E5-2670V2	2.5 GHz DP 10 25MB 1866 MHz 115W Q F6V M1
Intel	E5-2670V2	2.5 GHz DP 10 25MB 1866 MHz 115W Q EN3 M0
Intel	E5-2630LV2	2.4 GHz DP 6 15MB 1600 MHz 60W Q F8D S1
Intel	E5-2695V2	2.4 GHz DP 12 core 30MB 8 1866 MHz 115W Q F92 C1
Intel	E5-2695V2	2.4 GHz DP 12 core 30MB 8 1866 MHz 115W Q EEW C0
Intel	E5-2660V2	2.2 GHz DP 10 25MB 1866 MHz 95W Q F73 M1
Intel	E5-2660V2	2.2 GHz DP 10 25MB 1866 MHz 95W Q ENB M0
Intel	E5-2620V2	2.1 GHz DP 6 15MB 1600 MHz 80W Q F7R S1
Intel	E5-2640V2	2.0 GHz DP 8 20MB 1600 MHz 95W Q F6D M1
Intel	E5-2640V2	2.0 GHz DP 8 20MB 1600 MHz 95W Q EMM M0
Intel	E5-2650LV2	1.7 GHz DP 10 25MB 1600 MHz 70W Q F6B M1
Intel	E5-2650LV2	1.7 GHz DP 10 25MB 1600 MHz 70W Q EMK M0

CPU SandyBridge-EP (LGA2011)

Vendor	Model Name	SPEC
Intel	E5-2680	2.7GHz, 8C, 130W 20M Cache, 8.00 GT/s Intel® QPI C2 QBUJ
Intel	E5-2670	2.6GHz, 8C, 115W 20M Cache, 8.00 GT/s Intel® QPI C2 QBV7
Intel	E5-2665	2.4GHz, 8C, 115W 20M Cache, 8.00 GT/s Intel® QPI C2 QBVF
Intel	E5-2660	2.2GHz, 8C, 95W 20M Cache, 8.00 GT/s Intel® QPI C2 QBUH
Intel	E5-2650	2.0GHz, 8C, 95W 20M Cache, 8.00 GT/s Intel® QPI C2 QBUT
Intel	E5-2643	3.3GHz, 4C, 130W 10M Cache, 8.00 GT/s Intel® QPI M1 QBW6
Intel	E5-2640	2.5GHz, 6C, 95W 15M Cache, 7.20 GT/s Intel® QPI C2 QBUV
Intel	E5-2637	3.0GHz, 2C, 80W 5M Cache, 8.00 GT/s Intel® QPI M1 QBWL
Intel	E5-2630	2.3GHz, 6C, 95W 15M Cache, 7.20 GT/s Intel® QPI C2 QBV3
Intel	E5-2620	2.0GHz, 6C, 95W 15M Cache, 7.20 GT/s Intel® QPI C2 QBV5
Intel	E5-2609	2.4GHz, 4C, 80W 10M Cache, 6.40 GT/s Intel® QPI M1 QBWC
Intel	E5-2603	1.8GHz, 4C, 80W 10M Cache, 6.40 GT/s Intel® QPI M1 QBWE
Intel	E5-2650L	1.8GHz, 8C, 70W 20M Cache, 8.00 GT/s Intel® QPI C2 QBUK
Intel	E5-2630L	2.0GHz, 6C, 60W 15M Cache, 7.20 GT/s Intel® QPI C2 QBUM

Memory RDIMM

Vendor MP	Model Name	SPEC
MIRA	PP16GJA2BLF-GGN	16GB 2Rx4 PC3L-12800R-11-11-E1P
ACTICA	ACT16GHR72U4J1866S	16GB DDR3 1866 REG ECC
V-Color	TRV16G18CA11-H11D	DDR3-1600 2Gx4 2Rx4 1.5V 16GB
CRUCIAL	CT16G3ERSLD4160B	16GB 36FN DDR3-1600 1.35V DRx4 RDIMM
CRUCIAL	CT16G3ERSLD4160B	16GB 36FED DDR3-1600 1.35V DRx4 RDIMM
INNODISK	ACT4GHR72P8H1333S-LV	4GB DDR3-1333 REG ECC 1.35V / 2Rx8
INNODISK	ACT8GHR72Q4H1333S-LV	8GB DDR3-1333 REG ECC 1.35V / 2Rx4
INNODISK	ACT8GHR72Q4H1333S	8GB DDR3-1333 REG ECC 1.5V / 2Rx4
INNODISK	ACT16GHR72U4J1600S	16GB DDR3-1600 REG ECC 1.5V / 2Rx4
Kingston	KVR16R11D4/16	16GB DDR3-1600 REG ECC 1.5V 2Rx4

Kingston	KVR13LR9D4/16	16GB DDR3-1333 REG ECC 1.35 & 1.5V 2Rx4
Kingston	KVR16LR11D4/16KF	16GB 1600MHz DDR3L ECC Reg CL11 DIMM DR x4 1.35V
Kingston	KVR16LR11D8/8KF	8GB 1600MHz DDR3L ECC Reg CL11 DIMM DR x8 1.35V
Kingston	KVR16LR11D4/16HB	16GB ECC Reg CL11 Dr X4 DDR3L 1600MHZ DIMM 1.35V
Ventura	D3-60MM104SV-999 SEC	DIMM, 8GB, DDR3-1333, REGISTERED, ECC, 1GX72BIT DUAL RANK, 1.5V
Ventura	D3-60NN105BJV-11 Hynix	DIMM, 8GB, DDR3-1600, REGISTERED, ECC, 1GX72 DUAL RANK, 1.5V
Ventura	D3-58NK105BJV-11 Hynix	DIMM, 4GB, DDR3-1600, REGISTERED, ECC, 512MX72 DUAL RANK, 1.5V
Ventura	D3-58NN101AJV-11 Hynix	DIMM, 4GB, DDR3-1600, REGISTERED, ECC, 512MX72 SINGLE RANK, 1.5V
Nanya	NT8GC72C8PB0NL-CG	DIMM, 8GB DDR3-1333, REGISTERED, ECC
Ventura	D3-56NK101AJV-11 Hynix	DIMM, 2GB, DDR3-1600, REGISTERED, ECC, 256MX72 SINGLE RANK, 1.5V
Kingston	KVR13LR9Q4/32	32GB DDR3-1333 REG ECC 1.35 & 1.5V 2Rx4
Kingston	KVR13LR9D4/16HM	16GB DDR3-1333 REG ECC 1.35 & 1.5V
Kingston	KVR13LR9D4/8HC	8GB DDR3-1333 REG ECC 1.35 & 1.5V
ADATA	AD3R1600C2G11-BMIK	2GB DDR3-1600 REG ECC 1.5V
ADATA	AD3R1600W8G11-BMIE	8GB DDR3-1600 REG ECC 1.5V
INNODISK	ACT8GHR72Q4H1600H	8GB DDR3-1600 REG ECC A11331C
Samsung	M393B5773DH0-YK0	2GB DDR3-1600 REG 1Rx8 PC3L-12800R-11-11-A1-D3
APACER	78.B1GEW.AF10C	4GB ECC REG PC3-12800 CL11 DDR3 REG DIMM 12800-11 256x8 HYN G
APACER	78.C1GEY.AT10C	8GB ECC REG PC3-12800 CL11 DDR3 REG DIMM 12800-11 512x8 MC G
CRUCIAL	CT102472BB160B	8GB 36FMD 1GX72 DDR3 PC3-12800 REGIS
CRUCIAL	CT16G3ERSLD4160B	16GB 36FER DDR3-1600 1.35V DRx4 RDIMM 240P
CRUCIAL	CT8G3ERSLS41339	8GB 18FED DDR3-1333 1.35V/ DDR3L SR

Memory ECC UDIMM

Vendor	Model Name	SPEC
INNODISK	ACT2GHU72C8H1333S-LV	2GB DDR3-1333 UNB ECC 1.35V / 1Rx8
INNODISK	ACT4GHU72D8H1333S-LV	4GB DDR3-1333 UNB ECC 1.35V / 2Rx8
Kingston	KVR1333D3E9S/8G	8GB DDR3-1333 ECC 1.5V 2Rx8
Kingston	KVR16LE11S8/4KF	4GB (1x4GB) DDR3L 1600MHz ECC CL11 UDIMM 1R X8 1.35V
Kingston	KVR16LE11/8KF	8GB 240-Pin DDR3 1600 (PC3 12800) ECC UDIMM
Kingston	KVR16LE11/8HB	8GB 1600MHZ DDR3L ECC CL11 DIMM 1.35V
Hynix	HMT451U7AFR8A-PB	4GB, UDIMM, DDR3-1600, LF+HF, 1Rx8, 1.35V
APACER	78.B1GEB.AF30C	4GB ECC REG PC3-12800 CL11 DDR3 ECC DIMM 12800-11 256x8 HYN G
APACER	78.C1GER.AT30C	8GB ECC PC3-12800 CL11 DDR3 DIMM 12800-11 512x8 MC G

Memory Non ECC UDIMM

Vendor	Model Name	SPEC
Kingston	KVR1333D3N9/4G	(UDIMM) 1GB ,DDR3 PC10600 ,1333MHz CL9 ,KVR1333D3N9/4G
Geil	GV316GB1333C9QC	(UDIMM) 4GB ,DDR3 PC10660 ,1333MHz ,GV316GB1333C9QC

Hard Drive SAS (May need RAID card support)

Vendor	Model Name	SPEC
Seagate	ST3300657SS	3.5" 300GB SAS 6Gb/s Cheetah15K 16MB Cache 15000RPM
HGST	HUS156060VLS600	3.5" 600GB SAS 6Gb/s Cheetah15K 64MB MB Cache 15000RPM
Seagate	ST9300605SS	2.5" 300GB SAS 6Gb/s Savvio10K 64MB Cache 10000RPM
Seagate	ST9146853SS	2.5" 146GB SAS 6Gb/s Savvio15K 64MB Cache 15000RPM
WD	WD3001BKHG-02D22V1	2.5" 300G SAS XE 32MB Cache 10000RPM
HGST	HUC101212CSS600	2.5" 1.2TB SAS 6Gb/s 64MB 10KRPM
HGST	HUC109090CSS600	2.5" 900GB SAS 6Gb/s 64MB 10K RPM
HGST	HUS724040ALS640	3.5" 4TB SAS-2 7200rpm
WD	WD4001FYYG	3.5" 4TB SAS 6Gb/s 32MB 7200 RPM
Seagate	ST9146853SS	2.5" 146GB SAS 6Gb/s Savvio15K 64MB Cache 15000RPM
Seagate	ST3300657SS	3.5" 300GB SAS 6Gb/s Cheetah15K 16MB Cache 15000RPM
Seagate	ST4000NM0023	3.5" 4TB SAS 6Gb/s 128MB 7200RPM

Hard Drive SATA

Vendor	Model Name	SPEC
Seagate	ST32000645NS	3.5" 2TB SATAIII Constellation ES.2 64MB Cache 7200RPM
Seagate	ST9250610NS	2.5" 250G SATAIII Constellation.2 64MB Cache 7200RPM
WD	WD4000FYYZ-01UL1B0	3.5" 4TB SATAIII RE4 64MB Cache 7200RPM
HITACH	HUS724040ALE640	3.5" 4TB SATAIII 64MB Cache 7200RPM
HITACH	HUA72010CLA330	3.5" 1TB SATAIII 64MB Cache 7200RPM
WD	WD2000FYYZ	3.5" 2TB SATAII 64MB Cache 7200RPM
WD	WD2500HHTZ-04N21V0	3.5" 250G SATAIII VelociRaptor 64MB Cache 10000RPM

WD	WD1000DHTZ -04N21V0	3.5" 1TB SATAIII VelociRaptor 64MB Cache 10000RPM
WD	WD2503ABYX-01WERA1	3.5" 250G SATAII RE4 64MB Cache 7200RPM
WD	WD5003ABYX-01WERA1	3.5" 500G SATAII RE4 64MB Cache 7200RPM
Seagate	ST33000650NS	3.5" 3TB SATAIII Constellation ES.2 MB Cache RPM FW:0004
WD	WD1003FBYX-01Y7B1	3.5" 1TB SATAII RE4 64MB Cache 7200RPM
WD	WD2003FYYS-02W0B1	3.5" 2TB SATAII RE4 64MB Cache 7200RPM
HITACH	HUA723030ALA640	3.5" 3TB SATAIII 64MB Cache 7200RPM FW:A10
WD	WD3000FYYZ-01UL1B0	3.5" 3TB SATAII RE 64MB Cache 7200RPM
Seagate	ST2000NM0011	3.5" 2TB SATAIII Constellation ES MB 64MB Cache RPM FW: SN02
HGST	HUA722010CLA330	3.5" 1TB SATAII 7200RPM
HGST	HUS724040ALA640	3.5" 4TB SATAIII 64MB 6Gb/s 7K4000
Seagate	ST3000NC000	3 TB 3.5" 6Gb/s SATA 64MB 7200 rpm
HGST	HMS5C4040ALE640	3.5" 4TB SATAIII 64MB 6Gb/s 5700RPM
WD	WD1002FBYS-02A6B0	3.5" 1TB SATAII RE3 32MB 3GB/S 7200RPM
TOSHIBA	MG03ACA300	3.5" 3TB ,SATA 6.0Gb/s 64MB, 7200 RPM
TOSHIBA	MG03ACA400	3.5" , 4TB , SATA 6.0 Gb/s , 64MB, 7200 RPM
Hard Drive SSD		
Vendor	Model Name	SPEC
INTEL	SSDSC2CW060A301	SSD 520 SERIES 60GB SSDSC2CW060A301 2.5" 6Gb/s SATA SSD 60G 5
Micron	MTFDDAK800MBB	800GB SATA 6Gb/s SED 5V 1.7A (F/W:B127)
RAID Card		
Vendor	Model Name	SPEC
Gigabyte	GC-MSLZ2-00	LSI SAS 2008 8P
LSI	MegaRAID SAS 8708EM2(GC-RLE087-RH)	PCI-E x8, 3Gb/s, SAS, 8-port MegaRAID
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
Highpoint	RocketRAID 2760/2760A	PCI-E x16, 6Gb/s, SAS, 6-port Marvell 88SE9485
Highpoint	RocketRAID 4460	PCI-E x8, 3Gb/s, SAS, 6-port intel IOP348
LSI	MEGARAID LSI 9271-8i	SAS 6GB/S8-PORT SATA+SAS L3-25413-10A PCI-E 3.0
Highpoint	RocketRAID 2740	PCI-E x16 Low Profile 6Gb/s SAS/SATA 4 x SFF-8087 mini-SAS Host Adapter
Highpoint	RocketRAID 2720SGL	PCI-E x8 6Gb/s SAS/SATA 8-Port Host Adapter
Highpoint	RocketRAID 2680SGL	PCI-E x4 Low Profile SATA / SAS 3Gb/s SAS/SATA 2 x SFF-8087 mini-SAS
Highpoint	RocketRAID 620	PCI-E 6Gb/s RAID 6Gb/s SATA Dual-Port SATA Host Adapter
Highpoint	Rocket 640L	PCI-E x4 Low Profile SATA III (6.0Gb/s)6Gb/s SATA Host Adapter
Gigabyte	GC-MSLZ2-00	LSI_2008-GC-MSLZ2
Gigabyte	GC-MSEE4	Two-Lane PCI-Express 2.0 to four-port 6 Gpbs SATAHost Bus Adapter
Gigabyte	GC-RA201-A	LSI SAS2208 SAS Controller PCI-E Gen 3 x8
LAN Card		
Vendor	Model Name	SPEC
Gigabyte	GC-MLBZ1	BroadCom 10G LAN adapter Specification with BCM57811S PCI-e FF card, MD2 Dual ports fiber-optic connectors SFF-8431 (SFP+)
PSU		
Vendor	Model Name	SPEC
Liteon	PS-2751-5L LF 750W	
System Component		
Vendor	Model Name	SPEC
Gigabyte	GC-BS212	HDD Backplan Board
Gigabyte	GC-IF2ED2	Front Panel Board
USB 3.0 Device		
Vendor	Model Name	SPEC
WD	WD WDBACY5000AWT-01	500GB USB 3.0 HDD
Seagate	Seagate GoFlex STAA500305	500GB USB 3.0 HDD
Toshiba	TOSHIBA CANVIO BASIC	500GB USB 3.0 HDD
Gigabyte	Gigabyte PURE CLASSIC X176B1FWBO75	500GB USB 3.0 HDD
EXTEK	EXTEK BYTECC-ME535U3 Pioneer	USB 3.0 Blue-ray Combo
CyberSLIM	CyberSLIM S1-DS3 TURBO	USB 3.0 Device