

"GS-R12P4E (GA-7PESE3)"Qualification Vender List Ver:1.0

CPU Sandy Bridge-EN (LGA 1356-2)

Vendor	Model Name	SPEC
Intel	E5-2470	8 Cores, 2.30GHz, QPI 8.0GT/s, 1600MHz, 20MB, QBWU, C2, 95W
Intel	E5-2450	8 Cores, 2.10GHz, QPI 8.0GT/s, 1600MHz, 20MB, QBWY, C2, 95W
Intel	E5-2450L	8 Cores, 1.80GHz, QPI 8.0GT/s, 1600MHz, 20MB, QBWW, C2, 70W
Intel	E5-2440	6 Cores, 2.40GHz, QPI 7.2GT/s, 1333MHz, 15MB, QBX0, C2, 70W
Intel	E5-2430L	6 Cores, 2.00GHz, QPI 7.2GT/s, 1333MHz, 15MB, QBX2, C2, 60W
Intel	EN E5-2420	6 Cores, 1.90GHz, QPI 7.2GT/s, 1333MHz, 15MB, QBX6, C2, 95W
Intel	E5-2470	8 Cores, 2.30GHz, QPI 8.0GT/s, 1600MHz, 20MB, QBGE, C1, 95W
Intel	E5-2430	2.2GHz, 6C, 95W 15M Cache, 7.20 GT/s Intel® QPI C2 QBX4
Intel	E5-2403	1.8GHz, 4C, 80W 10M Cache, 6.40 GT/s Intel® QPI M1 QBXH

CPU IVY BRIDGE-EN (LGA1356-2)

Vendor	Model Name	SPEC
Intel	E5-2403V2	1.8 GHz DP 4 core 10MB 6.4 1333 MHz 80W Q F7M S1
Intel	E5-2407V2	2.2 GHz DP 4 core 10MB 6.4 1333 MHz 80W Q F7K S1
Intel	E5-2420V2	2.2 GHz DP 6 core 15MB 7.2 1600 MHz 95W Q F7H M2
Intel	E5-2430V2	2.5 GHz DP 6 core 15MB 7.2 1600 MHz 95W Q F7F S1
Intel	E5-2430LV2	2.4 GHz DP 6 core 15MB 7.2 1600 MHz 60W Q F8K S1
Intel	E5-2440V2	1.9 GHz DP 8 core 15MB 7.2 1600 MHz 95W Q F61 M1
Intel	E5-2450V2	2.5 GHz DP 8 core 20MB 8 1600 MHz 95W Q F6Z M1
Intel	E5-2450LV2	1.7 GHz DP 10 core 20MB 8 1600 MHz 60W Q F63 M1
Intel	E5-2470V2	2.4 GHz DP 10 core 25MB 8 1600 MHz 95W Q BF5ZU M1

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-Coor	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
Nanya	NT8GC72B4NG0NL-DI /8G	8G Registered ECC DDR3 1600
Nanya	NT4GC72B4NA1NL-CG /4G	4G Registered ECC DDR3 1333
Nanya	NT8GC72B4NB1NJ-CG /8G	8G Registered ECC DDR3 1333
Nanya	NT8GC72C4NB3NJ-CG /8G	8G Registered ECC DDR3 1333
A-Data	MIR3A1C18 DDR3L 1333 /4G	4GB Registered ECC DDR3 1333
A-Data	MIR3A1D18 DDR3L 1333 /8G	8GB Registered ECC DDR3 1333
Samsung	M393B5173HE1-CF8	4GB Registered ECC DDR3 1066
ACTICA	ACT4GHR72P8H1600H	4GB DDR3-1600 REG ECC
ACTICA	ACT8GHR72Q4H1600S	8GB DDR3-1600 REG ECC
ACTICA	ACT16GHR72U4J1600S	16GB DDR3-1600 REG ECC
INNODISK	M3CP-4GHJHC0C-C	4GB DDR3 1600 WECC DIMM
INNODISK	M3CP-8GHS3C0C-M	8GB DDR3 1600 WECC DIMM
ADATA	ADDE1600W8G11-BMID	DDR3L 1600(11) 8Gx18 ECC-DIMM
ADATA	ADDR1600W8G11-BMIE	DDR3L 1600(11) 8Gx18 R-DIMM
ADATA	AD3R1600W8G11-BMIE	DDR3 1600(11) 8Gx18 R-DIMM
ADATA	ADDV1600W8G11-BMID	DDR3L 1600(11) 8Gx18 VLP R-DIMM
ADATA	AD3V1600W8G11-BMID	DDR3L 1600(11) 8Gx18 VLP-R
Nanya	NT8GC72B4NG0NL-DI	8GB, 2Rx4, PC3-12800R-11-10-J1, 1600, ECC
Kingston	KVR16R11D4/16	16GB DDR3-1600 REG ECC 2Rx4
Kingston	KVR13LR9D4/16	16GB DDR3-1333 REG ECC 2Rx4
Kingston	KVR13LR9Q4/32	32GB DDR3-1333 REG ECC 2Rx4
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
INNODISK	ACT8GHR72Q4H1333S	8GB DDR3 1333MHz CL9 1.5V ECC Reg
Kingston	KVR13LR9D4/8HC	8GB 1333MHz DDR3L ECC Reg CL9
Kingston	KVR13LR9D4/16HM	16GB 1333MHz DDR3L ECC Reg CL9
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
Ventura	D3-58NK105BJV-11	4GB PC3-12800 DDR3-1600MHz ECC Reg CL11
Ventura	D3-58NN101AJV-11	4GB PC3-12800 DDR3-1600MHz ECC Reg CL11

Hard Drive SAS (May need RAID card support)

Vendor	Model Name	SPEC
WD	WD XE WD9001BKHG, 900GB, 32MB, 10000RPM	SATAIII 2.5" 900GB 10000rpm
Fujitsu	MBA3073RC	3.5" SAS, 73GB/16M 15000RPM
TOSHIBA	MBF2300RC	2.5" SAS 6G, 300GB/16M 10000RPM

HITACHI	HVS153073VLS300	3.5" SAS, 73GB/16M 15000RPM
Seagate	ST9300605SS	2.5" 300GB SAS 6Gb/s Savvio10K 64MB Cache 10000RPM
WD	WD3001BKHG-02D22V1	2.5" 300G SAS XE 32MB Cache 10000RPM
WD	WD4001FYYG	3.5" 4TB SAS 6Gb/s 32MB 7200 RPM
HGST	HUS724040ALS640	3.5" 4TB SAS-2 7200rpm
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
WD	WD2000FYYZ-01UL1B0/64MB 2TB	SATAIII 3.5" 2TB 10000rpm
VIKING	VRFSD1100GBCWMMMA	SATA DIMM 100GB / FLASH 240PIN
WD	WD3000BLFS-01YBU0	2.5" SATA2, 300G/16M 10000RPM
HITACHI	HUA722020ALA330	3.5" SATA3, 2TB/32M 7200RPM
WD	WD6000BLHX	2.5" SATA3, 600GB/32M 7200RPM
HITACHI	HDT721025SLA380	3.5" SATA2, 250G
intel	SSD 320 Series	2.5" SATA2, 120G , SSD
INNODISK	D2SS-64GF21AC1EN	2.5" SATA3 , 64GB
INNODISK	D2SS-A28F21AC1EN	2.5" SATA3 , 120GB
INNODISK	D2SS-B56F21AC1EN	2.5" SATA3 , 240GB
INNODISK	D2SS-C12F21AC1EN	2.5" SATA3 , 480GB
Seagate	ST9250610NS	2.5" 250G SATAIII Constellation.2 64MB Cache 7200RPM
WD	WD2003FYYS-02W0B1	3.5" 2TB SATAII RE4 64MB Cache 7200RPM
WD	WD4000FYYZ-01UL1B0	3.5" 4TB SATAIII RE4 64MB Cache 7200RPM
WD	WD2000FYYZ-01UL1B0	3.5" 2TB SATAII RE4 64MB Cache 7200RPM
WD	WD3000FYYZ	3.5" 3TB SATAIII RE4 64MB Cache 7200RPM
Seagate	ST2000NM0011	3.5" 2TB SATAIII Constellation ES MB 64MB Cache RPM FW: SN02
Seagate	ST33000650NS	3.5" 3TB SATAIII Constellation ES.2 MB 64MB Cache RPM FW:0004
HITACHI	HUS724040ALE640	3.5" 4TB SATAIII Ultrastar 7K4000 6Gb/s 7200RPM FW:3B0
HGST	HMS5C4040ALE640	3.5" 4TB SATAIII 64MB 6Gb/s 5700RPM
HGST	HUS724040ALA640	3.5" 4TB SATAIII 64MB 6Gb/s 7K4000
Seagate	ST3000NC000	3.5" 3TB 6Gb/s SATA 64MB 7200 rpm
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
HGST	HUA722010CLA330	3.5" 1TB SATAII 7200RPM
Seagate	ST32000645NS	3.5" 2TB SATAIII Constellation ES.2 64MB Cache 7200RPM
WD	WD1003FBYX-01Y7B1	3.5" 1TB SATAII RE4 64MB Cache 7200RPM
WD	WD1002FBYS-02A6B0	3.5" 1TB SATAII RE3 32MB 3GB/S 7200RPM

Hard Drive SSD

Vendor	Model Name	SPEC
INTEL	SSDSC2CW060A301	SSD 520 SERIES 60GB 2.5" 6Gb/s SATA SSD 60G 5V 1A

DOM (Disk on Module)

Vendor	Model Name	SPEC
INNODISK	DESIH-08GJ30AC1DN	SLC D150QV 8GB
INNODISK	DESIL-08GJ30ACA QS	SLC D150QV-L 8GB
INNODISK	DESIL-16GJ30ACA QS	SLC D150QV-L 16GB
INNODISK	DESIH-16GJ30AC1 QN	MLC D150QV 16GB
INNODISK	DESIH-32GJ30AC1 QN	MLC D150QV 32GB
INNODISK	DESIH-64GJ30AC1 QN	MLC D150QV 64GB
INNODISK	DESIL-08GJ30ACA QSF	SLC Pin 7 VCC D150QV-L 8GB

SCSI Card

Vendor	Model Name	SPEC
Adaptec	29320LPE	Ultra320, PCI-E

RAID Card

Vendor	Model Name	SPEC
HighPoint	Rocket 640L	6Gb/s SATA Host Adapter
HighPoint	RocketRAID 2720SGL	6Gb/s SAS/SATA Host Adapter
Promise	SuperTrak EX8760T	PCI-E x8, 6Gb/s, SAS, 8-port IOP based
Promise	SuperTrak EX8650	PCI-E x8, 3Gb/s, SAS, 8-port IOP based
GIGABYTE	GC-RLE086-RH	PCI-E x8, 3Gb/s, SAS, 8-port MegaRAID
GIGABYTE	GC-RLE087-RH	PCI-E x8, 3Gb/s, SAS, 8-port MegaRAID
LSI	MegaRAID SAS 8308ELP	PCI-E x8, 3Gb/s, SAS, 8-port MegaRAID
LSI	MegaRAID SAS 9267-8i(LSI 2008)	PCI-E x8, 6Gb/s, SAS, 8-port IOP based
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
LSI	MEGARAID LSI 9271-8i	SAS 6GB/S8-PORT SATA+SAS L3-25413-10A PCI-E 3.0
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-R200-8	LSI SAS2308 SAS I/O Controller PCI-E Gen 3 x8
Gigabyte	GC-RA201-A	LSI SAS2208 SAS Controller PCI-E Gen 3 x8
LAN Card		
Vendor	Model Name	SPEC
Intel	82575EB Dual Port Server Adapter	PCI-E x4 LAN Adapter
Intel	Intel X520-DA2 82599 10G	Fibre Channel to PCIe 2.0a Gen2 (x8) 10GB dual port
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
MSI	MSI UBO-30 EXTERNAL SLIM	USB 3.0 Blue-ray Combo
EXTEK	EXTEK BYTECC-ME535U3 Pioneer	USB 3.0 Blue-ray Combo
UN	UN EBC113	USB 3.0 Blue-ray Combo
UN	UN ESW863 8X SLIM	USB 3.0 DVD
IN-TECH	IN-TECH 16GB	USB 3.0 Flash
Verico Evolution	Verico Evolution Lite S 16GB	USB 3.0 Flash
SILICON POWER	SILICON POWER BLAZE B10 16GB	USB 3.0 Flash
ADATA	ADATA SUPERIOR S102 PRO 16GB	USB 3.0 Flash
MUKii	MUKii TIP-D185U3	USB 3.0 Device
CyberSLIM	CyberSLIM S1-DS3 TURBO	USB 3.0 Device
ICY BOX	ICY BOX IB-111STU3-WH	USB 3.0 Device
ineo	ineo NA317U+	USB 3.0 Device