

**"GS-R22PDP(GA-7PTSH)" Qualification Vender List - Others Ver:1.0**

**CPU IVY BRIDGE-EP (LGA2011)**

Vendor	Model Name	SPEC
Intel	E5-2650LV2	1.7 GHz DP 10 25MB 1600 MHz 70W Q EMK M0
Intel	E5-2650LV2	1.7 GHz DP 10 25MB 1600 MHz 70W Q F6B M1
Intel	E5-2603V2	1.8 GHz DP 4 10MB 1333 MHz 80W Q F8B S1
Intel	E5-2640V2	2.0 GHz DP 8 20MB 1600 MHz 95W Q EMM M0
Intel	E5-2640V2	2.0 GHz DP 8 20MB 1600 MHz 95W Q F6D M1
Intel	E5-2620V2	2.1 GHz DP 6 15MB 1600 MHz 80W Q F7R S1
Intel	E5-2660V2	2.2 GHz DP 10 25MB 1866 MHz 95W Q ENB M0
Intel	E5-2660V2	2.2 GHz DP 10 25MB 1866 MHz 95W Q F73 M1
Intel	E5-2695V2	2.4 GHz DP 12 core 30MB 8 1866 MHz 115W Q EEW C0
Intel	E5-2695V2	2.4 GHz DP 12 core 30MB 8 1866 MHz 115W Q F92 C1
Intel	E5-2630LV2	2.4 GHz DP 6 15MB 1600 MHz 60W Q F8D S1
Intel	E5-2670V2	2.5 GHz DP 10 25MB 1866 MHz 115W Q EN3 M0
Intel	E5-2670V2	2.5 GHz DP 10 25MB 1866 MHz 115W Q F6V M1
Intel	E5-2609V2	2.5 GHz DP 4 10MB 1333 MHz 80W Q F89 S1
Intel	E5-2630V2	2.6 GHz DP 6 15MB 1600 MHz 80W Q F7P S1
Intel	E5-2650V2	2.6 GHz DP 8 20MB 1866 MHz 95W Q EN5 M0
Intel	E5-2650V2	2.6 GHz DP 8 20MB 1866 MHz 95W Q F6X M1
Intel	E5-2697V2	2.7 GHz DP 12 30MB 1866 MHz 130W Q F93 C1
Intel	E5-2697V2	2.7 GHz DP 12 core 30MB 8 1866 MHz 130W Q EEY C0
Intel	E5-2680V2	2.8 GHz DP 10 25MB 1866 MHz 115W Q EN1 M0
Intel	E5-2680V2	2.8 GHz DP 10 25MB 1866 MHz 115W Q F6T M1
Intel	E5-2690V2	3.0 GHz DP 10 25MB 1866 MHz 130W Q ENR M0
Intel	E5-2690V2	3.0 GHz DP 10 25MB 1866 MHz 130W Q F6R M1
Intel	E5-2637V2	3.5 GHz DP 4 15MB 1866 MHz 130W Q F8V S1
Intel	E5-2643V2	3.5 GHz DP 6 25MB 1866 MHz 130W Q EMH M0
Intel	E5-2643V2	3.5 GHz DP 6 25MB 1866 MHz 130W Q F69 M1

**CPU SandyBridge-EP (LGA2011)**

Vendor	Model Name	SPEC
Intel	E5-2680	2.7GHz, 8C, 130W 20M Cache, 8.00 GT/s Intel® QPI C2 QBUD
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

**Memory RDIMM**

Vendor	Model Name	SPEC
MIRA	PP08GJ93BLF-GGN	8GB 2Rx8 PC3L-12800R-11-11-B0P
MIRA	PP16GJA2BLF-GGN	16GB 2Rx4 PC3L-12800R-11-11-E1P
ACTICA	ACT16GHR72U4J1866S	16GB DDR3 1866 REG ECC
V-Color	TRV 16G18CA11-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	ACT4GHR72P8H 16000H	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
Kingston	KVR16R11D4/16	16GB DDR3-1600 REG ECC 1.5V 2Rx4
Kingston	KVR13LR9D4/16	16GB DDR3-1333 REG ECC 1.35 & 1.5V 2Rx4
INNODISK	ACT16GHR72U4J1600S	16GB DDR3-1600 REG ECC 1.5V / 2Rx4
Ventura	D3-60MM104SV-999 SEC	8GB DDR3-1333 REG ECC 1.35v
Ventura	D3-58NN101AJV-11 Hynix	8GB DDR3-1600 REG ECC 1.5v
Kingston	KVR16R11D4/16	16GB DDR3-1600 REG ECC 1.5V 2Rx4
INNODISK	ACT16GHR72U4J1600S	16GB DDR3-1600 REG ECC 1.5V / 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	ACT4GHU72D8H 1333S-LV (Low Voltage)	4GB DDR3-1333 ECC Reg CL9
CRUCIAL	CT102472BB 160B	8GB 36FMD 1GX72 DDR3 PC3-12800 REGIS
CRUCIAL	CT16G3ERSLD4160B	16GB 36FER DDR3-1600 1.35V DRx4 RDIMM 240P
Ventura	D3-60NN105BJV-11	8GB PC3-12800 DDR3-1600MHz ECC Reg CL11
Ventura	D3-58NK105BJV-11	4GB PC3-12800 DDR3-1600MHz ECC Reg CL11
Ventura	D3-58NN101AJV-11	4GB PC3-12800 DDR3-1600MHz ECC Reg CL11
Ventura	D3-56NK101AJV-11	2GB PC3-12800 DDR3-1600MHz ECC Reg CL11
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
APACER	78.B1GEB.AF30C	4GB ECC REG PC3-12800 CL11 DDR3 ECC DIMM 12800-11 256x8 HYN G
Kingston	KVR18R13D4/16	16GB PC3-14900 CL13 240-Pin RDIMM
Samsung	M393B4G70DM0-YH9 1451	32GB 4Rx4 PC3L-10600R-09-12-AB1-D4
Samsung	M393B2G70QH0-YK008	16GB 2Rx4 PC3L-12800R-11-12-E2-D3
<b>Memory ECC LRDIMM</b>		
Vendor	Model Name	SPEC
CRUCIAL	CT8G3ERSLS41339	8GB 18FED DDR3-1333 1.35V/ DDR3L SR
Kingston	KVR13LL9Q4/32	32GB 4Rx4 4G x 72-Bit PC3L-10600C L9
<b>Memory ECC UDIMM</b>		
Vendor	Model Name	SPEC
CRUCIAL	CT102472BA 186D.18FED	8GB 2Rx8 PC3-14900E-13-13-E3 DDR3-1866 DR x8 ECC UDIMM
Hynix	HMT451U7AFR8A-PB	4GB, UDIMM, DDR3-1600, LF+HF, 1Rx8, 1.35V
APACER	78.C1GER.AT30C	8GB ECC PC3-12800 CL11 DDR3 DIMM 12800-11 512x8 MC G
Kingston	KVR1333D3E9S/8G	8GB 1333MHz DDR3 ECC CL9
<b>Hard Drive SAS (May need RAID card support)</b>		
Vendor	Model Name	SPEC
Seagate	ST9146853SS	2.5" 146GB SAS 6Gb/s Savvio15K 64MB Cache 15000RPM
Seagate	ST9300605SS	2.5" 300GB SAS 6Gb/s Savvio10K 64MB Cache 10000RPM
WD	WD3001BKHG-02D22V1	2.5" 300G SAS XE 32MB Cache 10000RPM
HGST	HUC109090CSS600	2.5" 900GB SAS 6Gb/s 64MB 10K RPM
HGST	HUC101212CSS600	2.5" 1.2TB SAS 6Gb/s 64MB 10KRPM
HGST	HUC109090CSS600	2.5" 900GB SAS 6Gb/s 64MB 10K RPM
Seagate	ST9300605SS	2.5" 300GB SAS 6Gb/s Savvio10K 64MB Cache 10000RPM
Seagate	ST9146853SS	2.5" 146GB SAS 6Gb/s Savvio15K 64MB Cache 15000RPM
Hitachi	HUC109090CSS600	2.5" 900GB SAS 6Gb/s 64MB 10K RPM
Seagate	ST9146853SS	2.5" 146GB SAS 6Gb/s Savvio15K 64MB Cache 15000RPM
<b>SATA Hard Drive</b>		
Vendor	Model Name	SPEC

Seagate	ST9250610NS	2.5" 250G SATAIII Constellation.2 64MB Cache 7200RPM
Seagate	ST91000640NS	2.5" 250G SATAIII Constellation.2 64MB Cache 7200RPM
Hitachi	HUC109090CSS600	2.5" 250G SATAIII Constellation.2 64MB Cache 7200RPM
<b>Hard Drive SSD</b>		
<b>Vendor</b>	<b>Model Name</b>	<b>SPEC</b>
INNODISK	DGS25-A28D81SC1QC	2.5" 128GB SATA SSD 3MG2-P
INNODISK	DGS25-B56D81SC1QC	2.5" 256GB SATA SSD 3MG2-P
INTEL	SSDSA2CW120G3	SSD 320 SERIES 120GB SSDSA2CW120G3 2.5" 3Gb/s SATA SSD 120G 5
INTEL	SSDSC2CW060A301	SSD 520 SERIES 60GB SSDSC2CW060A301 2.5" 6Gb/s SATA SSD 60G 5
Samsung	MZ-7GE4800 REV 0	SSD 480GB MZ7GE480HMHP-00003 2.5" 6Gb/s SATA SSD 480G 5V 1.5A
<b>RAID Card</b>		
<b>Vendor</b>	<b>Model Name</b>	<b>SPEC</b>
Gigabyte	GC-MSLZ2-00	LSI_2008-GC-MSLZ2
Gigabyte	GC-MSLZ1-00	LSI_2208-GC-MSLZ1
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-MSLZ1-00 (Mezzanine card)	LSI SAS 2208 Mezzanine card- Dual Core PowerPC 440 800MHz 6, 3, 1.5
Gigabyte	GC-MSEE4	Two-Lane PCI-Express 2.0 to four-port 6 Gpbs SATAHost Bus Adapter
Gigabyte	GC-R200-8	LSI SAS2308 SAS I/O Controller PCI-E Gen 3 x8
<b>LAN Card</b>		
<b>Vendor</b>	<b>Model Name</b>	<b>SPEC</b>
Gigabyte	GC-MLBZ1-00	BroadCom 10G LAN adapter Specification with BCM57811S PCI-e FF card, MD2 Dual ports fiber-optic connectors SFF-8431 (SFP+)