

"GS-R22PHE (GA-7PPSP1)" 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	E5-2640V2	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

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	E5-2630	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	E5-2650L	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	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	ACT8GHR72Q4H1333S	8GB DDR3-1333 REG ECC 1.5V / 2Rx4
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
Samsung	M393B5773DH0-YK0	2GB DDR3-1600 REG 1Rx8 PC3L-12800R-11-11-A1-D3
Samsung	M393B2G70BH0-YK0	16GB DDR3-1600 REG. DIMM 2Rx4 PC3L-12800R-11-11-E2-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
Ventura	D3-58NK105BJV-11	4GB PC3-12800 DDR3-1600MHz ECC Reg CL11
Ventura	D3-56NK101AJV-11	2GB PC3-12800 DDR3-1600MHz ECC Reg CL11
Kingston	KVR18R13D4/16 RDIMM	16GB PC3-14900 CL13 240-Pin RDIMM

Memory ECC UDIMM

Vendor	Model Name	SPEC
CRUCIAL	CT102472BA186D.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	KVR18E13/8 UDIMM	8GB PC3-14900 CL13 ECC 240-Pin UDIMM

Hard Drive SAS (May need RAID card support)

Vendor	Model Name	SPEC
Seagate	ST9300605SS	2.5" 300GB SAS 6Gb/s Savvio10K 64MB Cache 10000RPM
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
Seagate	ST9146853SS	2.5" 146GB SAS 6Gb/s Savvio15K 64MB Cache 15000RPM
Hard Drive SATA		
Vendor	Model Name	SPEC
Seagate	ST9250610NS	2.5" 250G SATAIII Constellation.2 64MB Cache 7200RPM
Hard Drive SSD		
Vendor	Model Name	SPEC
INTEL	SSDSC2CW060A301	SSD 520 SERIES 60GB SSDSC2CW060A301 2.5" 6Gb/s SATA SSD 60G 5
GPGPU Card		
Vendor	Model Name	SPEC
AMD	S9150	44 pcs of GPU with 64 stream cores.(2814 stream processors per card), 900Mhz, PCI Express Gen3, 235W <i>(Maximum support 8pcs GPGPU)</i>
Intel	Xeon Phi 5110P	60 of cores, 1.053 GHz, PCI Express Gen2, 225 W <i>(Maximum support 8pcs GPGPU)</i>
Nvidia	Tesla K10	two GK104 GPUs, 1536 of cores per GPU, 745 MHz, PCI Express Gen3 225 W <i>(Maximum support 8pcs GPGPU --> R2L 4pcs (rear), L2R 4pcs (front))</i>
Nvidia	Tesla K20	2496 of cores, 706 MHz, PCI Express Gen2, 225 W <i>(Maximum support 8pcs GPGPU)</i>
Nvidia	TESLA K20X	GK110 GPU, 2688 of cores per GPU, PCI Express Gen3, 235 W <i>(Maximum support 8pcs GPGPU)</i>
Nvidia	Tesla K40	2880 of cores, 745MHz, 12 GB, PCI Express Gen3 225W (Supports up to 8 cards)
Nvidia	GRID K340	Quad GK107 GPUs, 384 of cores per GPU, 950 MHz, PCI Express Gen3, 225 W <i>(Maximum support 8pcs GPGPU)</i>
Nvidia	Tesla M1060	240 of cores, 1.3GHz, PCI Express Gen2 188 W <i>(Maximum support 8pcs GPGPU)</i>
Nvidia	Tesla M2050	488 of cores,1.15GHz, 3GB GDDR5 , PCIe x16 Gen2, 225 W, <i>(Maximum support 8pcs GPGPU)</i>
Nvidia	Tesla M2070	488 of cores,1.15GHz, 6GB GDDR5, PCIe x16 Gen2, 225 W, <i>(Maximum support 8pcs GPGPU)</i>
Nvidia	Tesla M2070Q	448 of cores, 1.15 GHz, 6 GB GDDR5, PCI Express 2.0 x16, 225 W <i>(Maximum support 8pcs GPGPU)</i>
Nvidia	Tesla M2075	448 of cores, 1.15 GHz, PCI Express Gen2, 225 W <i>(Maximum support 8pcs GPGPU)</i>
Nvidia	Tesla M2090	512 of cores, 1.3 GHz, PCI Express Gen2 225 W <i>(Maximum support 8pcs GPGPU)</i>
RAID Card		
Vendor	Model Name	SPEC
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 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
Gigabyte	GC-MSLZ2-00	6, 3, 1.5 Gb/s SAS; 6, 3, 1.5 Gb/s SATA
Gigabyte	GC-MSLZ4-00	LSI 2008, 8 external ports SAS 6G HBA card
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
SILICON POW	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