

"MH60-RE1" Qualification Vender List Ver:2.0											
Intel CPU											
Product Name	Code Name	Q-Spec	Stepping	Cache	System Bus	# of Cores	Processor Base Frequency	Max Turbo Frequency	TDP	Memory Types	Processor Graphics
Intel® Xeon® Processor E5-2600v3 series											
Intel® Xeon® Processor E5-2698v3 (40M Cache, 2.30 GHz)	Haswell-EP	Q GN2	C1	40 MB	9.6 GT/s	16	2.3 GHz	3.6 GHz	135 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2695v3 (35M Cache, 2.30 GHz)	Haswell-EP	Q GN4	C1	35 MB	9.6 GT/s	14	2.3 GHz	3.3 GHz	120 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2690v3 (30M Cache, 2.60 GHz)	Haswell-EP	Q GNY	M1	30 MB	9.6 GT/s	12	2.6 GHz	3.5 GHz	135 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2683v3 (35M Cache, 2.00 GHz)	Haswell-EP	Q GN5	C1	35 MB	9.6 GT/s	14	2 GHz	3 GHz	120 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2680v3 (30M Cache, 2.50 GHz)	Haswell-EP	Q GNZ	M1	30 MB	9.6 GT/s	12	2.5 GHz	3.3 GHz	120 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2670v3 (30M Cache, 2.30 GHz)	Haswell-EP	Q GP2	M1	30 MB	9.6 GT/s	12	2.3 GHz	3.1 GHz	120 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2667v3 (20M Cache, 3.20 GHz)	Haswell-EP	Q GSQ	R2	20 MB	9.6 GT/s	8	3.2 GHz	3.6 GHz	135 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2660v3 (25M Cache, 2.60 GHz)	Haswell-EP	Q GP1	M1	25 MB	9.6 GT/s	10	2.6 GHz	3.3 GHz	105 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2650Lv3 (30M Cache, 1.80 GHz)	Haswell-EP	Q GPB	M1	30 MB	9.6 GT/s	12	1.8 GHz	2.5 GHz	65 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2650v3 (25M Cache, 2.30 GHz)	Haswell-EP	Q GPL	M1	25 MB	9.6 GT/s	10	2.3 GHz	3 GHz	105 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2643v3 (20M Cache, 3.40 GHz)	Haswell-EP	Q GSR	R2	20 MB	9.6 GT/s	6	3.4 GHz	3.7 GHz	135 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2640v3 (20M Cache, 2.60 GHz)	Haswell-EP	Q GSF	R2	20 MB	8 GT/s	8	2.6 GHz	3.4 GHz	90 W	DDR4-1600/1866	None
Intel® Xeon® Processor E5-2637v3 (15M Cache, 3.50 GHz)	Haswell-EP	Q GSP	R2	15 MB	9.6 GT/s	4	3.5 GHz	3.7 GHz	135 W	DDR4-1600/1866/2133	None
Intel® Xeon® Processor E5-2630Lv3 (20M Cache, 1.80 GHz)	Haswell-EP	Q GST	R2	20 MB	8 GT/s	8	1.8 GHz	2.9 GHz	55 W	DDR4-1600/1866	None
Intel® Xeon® Processor E5-2630v3 (20M Cache, 2.40 GHz)	Haswell-EP	Q GXZ	R2	20 MB	8 GT/s	8	2.4 GHz	3.2 GHz	85 W	DDR4-1600/1866	None
Intel® Xeon® Processor E5-2623v3 (10M Cache, 3.00 GHz)	Haswell-EP	Q GSS	R2	10 MB	8 GT/s	4	3 GHz	3.5 GHz	105 W	DDR4-1600/1866	None
Intel® Xeon® Processor E5-2620v3 (15M Cache, 2.40 GHz)	Haswell-EP	Q GSH	R2	15 MB	8 GT/s	6	2.4 GHz	3.2 GHz	85 W	DDR4-1600/1866	None
Intel® Xeon® Processor E5-2609v3 (15M Cache, 1.90 GHz)	Haswell-EP	Q GPN	M1	15 MB	6.4 GT/s	6	1.9 GHz	None	85 W	DDR4-1600	None
Intel® Xeon® Processor E5-2603v3 (15M Cache, 1.60 GHz)	Haswell-EP	Q GSK	R2	15 MB	6.4 GT/s	6	1.6 GHz	None	85 W	DDR4-1600	None
Intel® Xeon® Processor E5-2600v4 series											
Intel® Xeon® Processor E5-2603v4	Broadwell-EP	Q KEV	R0			6	1.7 GHz		85W		
Intel® Xeon® Processor E5-2608Lv4	Broadwell-EP	Q KF4	R0			8	1.6 GHz		50W		
Intel® Xeon® Processor E5-2609v4	Broadwell-EP	Q KEW	R0			8	1.7 GHz		85W		
Intel® Xeon® Processor E5-2618Lv4	Broadwell-EP	Q KF9	R0			10	2.2 GHz		75W		
Intel® Xeon® Processor E5-2620v4	Broadwell-EP	Q KES	R0			8	2.1 GHz		85W		
Intel® Xeon® Processor E5-2628Lv4	Broadwell-EP	Q K9B	M0			12	1.9 GHz		75W		
Intel® Xeon® Processor E5-2630Lv4	Broadwell-EP	Q KEX	R0			10	1.8 GHz		55W		
Intel® Xeon® Processor E5-2630v4	Broadwell-EP	Q KET	R0			10	2.2 GHz		85W		

Intel® Xeon® Processor E5-2637v4	Broadwell-EP	Q KEY	R0			4	3.5 GHz		135W		
Intel® Xeon® Processor E5-2640v4	Broadwell-EP	Q KEU	R0			10	2.4 GHz		90W		
Intel® Xeon® Processor E5-2643 v4	Broadwell-EP	QKEZ	R0			6	3.4GHz		135W		
Intel® Xeon® Processor E5-2648Lv4	Broadwell-EP	Q K9C	M0			14	1.8 GHz		75W		
Intel® Xeon® Processor E5-2650Lv4	Broadwell-EP	Q K93	M0			14	1.7 GHz		65W		
Intel® Xeon® Processor E5-2650v4	Broadwell-EP	Q K8Y	M0			12	2.2 GHz		105W		
Intel® Xeon® Processor E5-2658v4	Broadwell-EP	Q K9A	M0			14	2.3 GHz		105W		
Intel® Xeon® Processor E5-2660v4	Broadwell-EP	Q K8Z	M0			14	2.0 GHz		105W		
Intel® Xeon® Processor E5-2667 v4	Broadwell-EP	QKF0	R0			8	3.2 GHz		135W		
Intel® Xeon® Processor E5-2680v4	Broadwell-EP	Q K92	M0			14	2.4 GHz		120W		
Intel® Xeon® Processor E5-2683v4	Broadwell-EP	Q K7K	B0			16	2.1 GHz		120W		
Intel® Xeon® Processor E5-2690v4	Broadwell-EP	Q K8X	M0			14	2.6 GHz		135W		
Intel® Xeon® Processor E5-2695v4	Broadwell-EP	QK3E	B0			18	2.1 GHz		120W		
Intel® Xeon® Processor E5-2698v4	Broadwell-EP	Q K7M	B0			20	2.2 GHz		135W		

Product Name	Memory Type	Module Supplier	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latency	Pins	Note
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RDIMM

CT8G4RFD8213.18FA1	DDR4	CRUCIAL	8GB	Micron	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
KVR21R15D4/16	DDR4	Kingston	16GB	SKhynix	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
T4D6R10S62000	DDR4	TeamGroup	8GB	Samsung	1R X4	1.2v	2133MHz	ECC Registered	15	288-pin	
T4E1R10S62000	DDR4	TeamGroup	16GB	Samsung	2R X4	1.2v	2133MHz	ECC Registered	15	288-pin	
HMA42GR7MFR4N-TF TD	DDR4	HYNIX	16GB	SKhynix	2R	1.2v	2133MHz	ECC Registered	15	288-pin	
CT16G4RFD824A.18FB1	DDR4	Crucial	16GB	Micron	2R X8	1.2v	2400MHz	ECC Registered	17	288-pin	
CT16G4RFD424A.36FB1	DDR4	Crucial	16GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	
CT16G4RFS424A.18FB1	DDR4	Crucial	16GB	Micron	1RX4	1.2v	2400MHz	ECC Registered	17	288-pin	
CT8G4RFS424A.18FB1	DDR4	Crucial	8GB	Micron	1RX4	1.2v	2400MHz	ECC Registered	17	288-pin	
CT8G4RFS824A.2G3B1	DDR4	Crucial	8GB	Micron	1R X8	1.2v	2400MHz	ECC Registered	17	288-pin	Just test this DIMM to cover
MTA9ASF1G72PZ-2G3B1MG	DDR4	Micron	8GB	Micron-Monta	1R X8	1.2v	2400MHz	ECC Registered	17	288-pin	Same as above
TR432G24D417	DDR4	V-color	32GB		2Rx4	1.2v	2400MHz	ECC Registered		288-pin	
TR416G24S417	DDR4	V-color	16GB		1Rx4	1.2v	2400MHz	ECC Registered		288-pin	
M4R0-8GSSBCSJ	DDR4	Innodisk	8GB		2Rx8	1.2v	2400MHz	ECC Registered		288-pin	
CT32G4RFD424A.2G3B1	DDR4	Crucial	32GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	Just test this DIMM to cover
CT32G4RFD424A.36FB1	DDR4	Crucial	32GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	Same as above
MTA36ASF4G72PZ-2G3B1MG	DDR4	Micron	32GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	Same as above

LRDIMM											
Product Name	Memory Type	Module Supplier	Size	Chip Brand	Rank	Voltage	Data Transfer Rate	Error Correction	CAS Latency	Pins	Note
HMAA8GL7AMR4N-UHTE	DDR4	SKhynix	64GB	SKhynix	4DRx4	1.2v	2400MHz	ECC Unbuffer	17	288-pin	
M386A8K40BM1-CRC4Q M	DDR4	Samsung	64GB	Samsung	4DRx4	1.2v	2400MHz	ECC Unbuffer	17	288-pin	
CT32G4LFD424A.2G3B1	DDR4	Crucial	32GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	Just test this DIMM to cover
MTA36ASF4G72LZ-2G3B1MG	DDR4	Micron	32GB	Micron	2R X4	1.2v	2400MHz	ECC Registered	17	288-pin	Same as above