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DDR4 RDIMM System-Level Validation Results on Intel® Xeon® E5-2600 v4 Processor Family

Listed below are the results from a small sample of **DDR4 LRDIMMs** tested on Intel® Xeon® E5-2600 v4 processor family, code named Broadwell-EP. We are providing this information as a guide to module compatibility with Intel server reference platforms.

This testing is not intended to replace the normal OEM qualification process. For results on Intel® motherboards or OEM specific production motherboards, please refer to the OEM's list of qualified memory suppliers. All parts are recommended to be run, using latest Intel® platform Reference Code Production Version.

Updated April 14Th, 2017

LRDIMM SR/DR DDR4-												
2400 MT/s 1.2V 1DIMM per channel; 3 slots per channel; 4 channels					2400 MT/s 1.2V 2DIMMs per channel; 3 slots per channel; 4 channels					1866 MT/s 1.2V 3DIMMs per channel; 3 slots per channel; 4 channels		
DIMM					DRAM					Buffer		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
Crucial	CT64G4LFQ424A.36DA1	64GB	17	E1	Micron	MT40A4G4FSE-083E:A	8Gb	X4	1526	IDT	C0	1
Crucial	CT64G4LFQ424A.36DA1	64GB	17	E1	Micron	MT40A4G4FSE-083E:A	8Gb	X4	1526	Montage	C0	1
Crucial	CT64G4LFQ424A.36DB1	64GB	17	E2	Micron	MT40A4G4NRE-083E:B	8Gb	x4	1622	IDT	C0	
Crucial	CT64G4LFQ424A.36DB1	64GB	17	E2	Micron	MT40A4G4NRE-083E:B	8Gb	x4	1620	Montage	C0	
Micron	MTA72ASS8G72LZ-2G3A1	64GB	17	E1	Micron	MT40A4G4FSE-083E:A	8Gb	X4	1526	IDT	C0	1
Micron	MTA72ASS8G72LZ-2G3A1	64GB	17	E1	Micron	MT40A4G4FSE-083E:A	8Gb	X4	1526	Montage	C0	1
Micron	MTA72ASS8G72LZ-2G3B2	64GB	17	E2	Micron	MT40A4G4NRE-083E:B	8Gb	x4	1622	IDT	C0	
Micron	MTA72ASS8G72LZ-2G3B2	64GB	17	E2	Micron	MT40A4G4NRE-083E:B	8Gb	x4	1620	Montage	C0	
Samsung	M386A4G40DM1-CRC	32GB	17	D1	Samsung	K4A8G045WD-MCRC	4Gb	x4	1510	IDT	A3	
Samsung	M386A4G40DM1-CRC	32GB	17	D1	Samsung	K4A8G045WD-MCRC	4Gb	x4	1512	Montage	B0	
Samsung	M386A8K40BM1-CRC	64GB	17	D1	Samsung	K4AAG045WB-MCRC	8Gb	x4	1515	IDT	A3	
Samsung	M386A8K40BM1-CRC	64GB	17	D1	Samsung	K4AAG045WB-MCRC	8Gb	x4	1515	Montage	B0	
Samsung	M386AAK40B40-CUC	128GB	20	A0	Samsung	K4ABG045WB-4CUC	8Gb	x4	1540	IDT	A3	
Samsung	M386AAK40B40-CUC	128GB	20	A0	Samsung	K4ABG045WB-4CUC	8Gb	x4	1540	Montage	B0	
SK hynix	HMA84GL7AMR4N-UHTE	32GB	17	D1	SK hynix	H5AN8G4NAMR-UHC	4Gb	x4	1529	IDT	A3	
SK hynix	HMA84GL7AMR4N-UHT2	32GB	17	D1	SK hynix	H5AN8G4NAMR-UHC	4Gb	x4	1529	Montage	B0	
SK hynix	HMAA8GL7AMR4N-UHT2	64GB	17	D2	SK hynix	HMAA8GL7AMR4N-UHT2	8Gb	x4	1647	Montage	B0	
SK hynix	HMAA8GL7AMR4N-UHTE	64GB	17	D2	SK hynix	HMAA8GL7AMR4N-UHTE	8Gb	x4	1647	IDT	A3	
SK hynix	HMAA8GL7MMR4N-UHTE	64GB	17	E1	SK hynix	H5ANAG4NMMR-UHC	8Gb	x4	1516	IDT	A3	
SK hynix	HMAA8GL7MMR4N-UHT2	64GB	17	E1	SK hynix	H5ANAG4NMMR-UHC	8Gb	x4	1516	Montage	B0	
SK hynix	HMABAGL7M4R4N-ULTE	128GB	20	B	SK hynix	H5ANBG4TM4R-ULC	8Gb	x4	1507	IDT	A3	
SK hynix	HMABAGL7M4R4N-ULT2	128GB	20	B	SK hynix	H5ANBG4TM4R-ULC	8Gb	x4	1507	Montage	B0	

1. DRAM exceeds maximum RTT specification; Please contact DRAM supplier for more detail.

Approved Test Labs:

The following test labs have the capability of performing the DDR4 LRDIMM system-level testing. For further information please contact:

Advanced Validation Labs (AVL)

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