

Intel Platform Memory Operations

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DDR4 RDIMM System-Level Validation Results on Intel® Xeon® E7-8800/4800 v3 Processor Family

Listed below are the results from a small sample of DDR4 RDIMMs tested on Intel® Xeon® E7-8800/4800 v3 processor family.

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 specific Intel® motherboards or OEM production motherboards, please refer to the OEM's list of qualified memory suppliers.

July 20th, 2016

RDIMM SR/DR DDR4- 1:1 Mode

1866 1.2V 1DIMM and 2DIMMs per channel; 2 slots per channel; 4 channels

1866 1.2V 1DIMM and 2DIMMs per channel; 3 slots per channel; 4 channels

1600 1.2V 3DIMMs per channel; 3 slots per channel; 4 channels

1333 1.2V 3DIMMs per channel; 3 slots per channel; 4 channels

DIMM					DRAM					Register		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
Micron	MTA18ASF1G72PZ-2G1B1	8GB	15	C1	Micron	MT40A1G4RH-075E:B	4Gb	x4	1606	Montage	A0	
Micron	MTA18ASF1G72PZ-2G1B1	8GB	15	C1	Micron	MT40A1G4RH-075E:B	4Gb	x4	1606	Inphi	GS01	
Micron	MTA18ASF1G72PZ-2G1B1	8GB	15	C1	Micron	MT40A1G4RH-075E:B	4Gb	x4	1606	IDT	C0	
Micron	MTA18ASF1G72PZ-2G1A2	8GB	15	C	Micron	MT40A1G4HX-093E:A	4Gb	x4	1408	IDT	C0	
Micron	MTA18ASF1G72PZ-2G1A2	8GB	15	C	Micron	MT40A1G4HX-093E:A	4Gb	x4	1408	Inphi	B0	
Micron	MTA36ASF2G72PZ-2G1B1	16GB	15	B1	Micron	MT40A1G4RH-075E:B	4Gb	x4	1606	Montage	A0	
Micron	MTA36ASF2G72PZ-2G1B1	16GB	15	B1	Micron	MT40A1G4RH-075E:B	4Gb	x4	1606	Inphi	GS01	
Micron	MTA36ASF2G72PZ-2G1B1	16GB	15	B1	Micron	MT40A1G4RH-075E:B	4Gb	x4	1606	IDT	C0	
Micron	MTA36ASF2G72PZ-2G1A2	16GB	15	B	Micron	MT40A1G4HX-093E:A	4Gb	x4	1422	IDT	C0	
Micron	MTA36ASF2G72PZ-2G1A2	16GB	15	B	Micron	MT40A1G4HX-093E:A	4Gb	x4	1422	Inphi	B0	
Micron	MTA36ASF4G72PZ-2G1A1	32GB	15	B1	Micron	MT40A2G4PM-083E:A	8Gb	x4	1536	IDT	C0	
Micron	MTA36ASF4G72PZ-2G1A1	32GB	15	B1	Micron	MT40A2G4PM-083E:A	8Gb	x4	1536	Montage	C0	
Micron	MTA36ASF4G72PZ-2G1A1	32GB	15	B1	Micron	MT40A2G4PM-083E:A	8Gb	x4	1532	IDT	C0	
Micron	MTA36ASF4G72PZ-2G1A1	32GB	15	B1	Micron	MT40A2G4PM-083E:A	8Gb	x4	1532	Montage	C0	
Micron	MTA36ASF4G72PZ-2G1B1	32GB	15	B1	Micron	MT40A2G4WE-083E:B	8Gb	x4	1550	Inphi	GS01	
Micron	MTA36ASF4G72PZ-2G1B1	32GB	15	B1	Micron	MT40A2G4WE-083E:B	8Gb	x4	1550	Montage	C0	
Samsung	M393A5143DB0-CPB	4GB	15	D	Samsung	K4A4G085WD-BCPB	4Gb	x8	1430	IDT	C0	
Samsung	M393A5143DB0-CPB	4GB	15	D	Samsung	K4A4G085WD-BCPB	4Gb	x8	1430	Montage	B1	

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RDIMM SR/DR DDR4- 1:1 Mode												
1866 1.2V 1DIMM and 2DIMMs per channel; 2 slots per channel; 4 channels												
1866 1.2V 1DIMM and 2DIMMs per channel; 3 slots per channel; 4 channels												
1600 1.2V 3DIMMs per channel; 3 slots per channel; 4 channels												
1333 1.2V 3DIMMs per channel; 3 slots per channel; 4 channels												
DIMM					DRAM					Register		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
Samsung	M393A1G40DB0-CPB	8GB	15	C	Samsung	K4A4G045WD-BCPB	4Gb	x4	1434	IDT	C0	
Samsung	M393A1G40DB0-CPB	8GB	15	C	Samsung	K4A4G045WD-BCPB	4Gb	x4	1434	Montage	B1	
Samsung	M393A1G40DB0-CPB	8GB	15	C	Samsung	K4A4G045WD-BCPB	4Gb	x4	1537	Inphi	B0	
Samsung	M393A1G43DB0-CPB	8GB	15	E	Samsung	K4A4G085WD-BCPB	4Gb	x8	1434	IDT	C0	
Samsung	M393A1G43DB0-CPB	8GB	15	E	Samsung	K4A4G085WD-BCPB	4Gb	x8	1434	Montage	B1	
Samsung	M393A1G43EB1-CPB	8GB	15	E	Samsung	K4A4G085WE-BCPB	4Gb	x8	1547	IDT	C0	
Samsung	M393A1G43EB1-CPB	8GB	15	E	Samsung	K4A4G085WE-BCPB	4Gb	x8	1547	Montage	C0	
Samsung	M393A1G43EB1-CPB	8GB	15	E	Samsung	K4A4G085WE-BCPB	4Gb	x8	1547	Inphi	B0	
Samsung	M393A1G43DB0-CPB	8GB	15	E	Samsung	K4A4G085WD-BCPB	4Gb	x8	1533	Inphi	B0	
Samsung	M393A1K43BB0-CPB	8GB	15	D	Samsung	K4A8G085WB-BCPB	8Gb	x8	1526	IDT	C0	
Samsung	M393A1K43BB0-CPB	8GB	15	D	Samsung	K4A8G085WB-BCPB	8Gb	x8	1526	Montage	C0	
Samsung	M393A1G40EB1-CPB	8GB	15	C	Samsung	K4A4G045WE-BCPB	4Gb	x4	1540	IDT	C0	
Samsung	M393A1G40EB1-CPB	8GB	15	C	Samsung	K4A4G045WE-BCPB	4Gb	x4	1540	Inphi	B0	
Samsung	M393A1G40EB1-CPB	8GB	15	C	Samsung	K4A4G045WE-BCPB	4Gb	x4	1540	Montage	C0	
Samsung	M393A2G40DB0-CPB	16GB	15	A	Samsung	K4A4G045WD-BCPB	4Gb	x4	1434	IDT	C0	
Samsung	M393A2G40DB0-CPB	16GB	15	A	Samsung	K4A4G045WD-BCPB	4Gb	x4	1434	Montage	B1	
Samsung	M393A2G40DB0-CPB	16GB	15	A	Samsung	K4A4G045WD-BCPB	4Gb	x4	1532	Inphi	B0	
Samsung	M393A2K40BB0-CPB	16GB	15	C	Samsung	K4A8G045WB-BCPB	8Gb	x4	1510	IDT	C0	
Samsung	M393A2K40BB0-CPB	16GB	15	C	Samsung	K4A8G045WB-BCPB	8Gb	x4	1510	Montage	C0	
Samsung	M393A2K43BB1-CPB	16GB	15	E	Samsung	K4A8G085WB-BCPB	8Gb	x8	1526	IDT	C0	
Samsung	M393A2K43BB1-CPB	16GB	15	E	Samsung	K4A8G085WB-BCPB	8Gb	x8	1526	Montage	C0	
Samsung	M393A2G40EB1-CPB	16GB	15	A	Samsung	K4A4G045WE-BCPB	4Gb	x4	1540	IDT	C0	
Samsung	M393A2G40EB1-CPB	16GB	15	A	Samsung	K4A4G045WE-BCPB	4Gb	x4	1540	Inphi	B0	
Samsung	M393A2G40EB1-CPB	16GB	15	A	Samsung	K4A4G045WE-BCPB	4Gb	x4	1540	Montage	C0	
Samsung	M393A4K40BB0-CPB	32GB	15	A	Samsung	K4A8G045WB-BCPB	8Gb	x4	1508	IDT	C0	
Samsung	M393A4K40BB0-CPB	32GB	15	A	Samsung	K4A8G045WB-BCPB	8Gb	x4	1507	Montage	C0	
SK hynix	HMA451R7MFR8N-TFTD	4GB	15	D	SK hynix	H5AN4G8NMFR-TFC	4Gb	x8	1428	IDT	C0	

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RDIMM SR/DR DDR4- 1:1 Mode

1866 1.2V 1DIMM and 2DIMMs per channel; 2 slots per channel; 4 channels

1866 1.2V 1DIMM and 2DIMMs per channel; 3 slots per channel; 4 channels

1600 1.2V 3DIMMs per channel; 3 slots per channel; 4 channels

1333 1.2V 3DIMMs per channel; 3 slots per channel; 4 channels

DIMM					DRAM					Register		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
SK hynix	HMA451R7MFR8N-TFT1	4GB	15	D	SK hynix	H5AN4G8NMFR-TFC	4Gb	x8	1431	Montage	B1	
SK hynix	HMA451R7AFR8N-TFT1	4GB	15	D	SK hynix	H5AN4G8NAFR-TFC	4Gb	x8	1510	Montage	B1	
SK hynix	HMA451R7AFR8N-TFTD	4GB	15	D	SK hynix	H5AN4G8NAFR-TFC	4Gb	x8	1510	IDT	C0	
SK hynix	HMA41GR7MFR4N-TFTD	8GB	15	C	SK hynix	H5AN4G4NMFR-TFC	4Gb	x4	1436	IDT	C0	
SK hynix	HMA41GR7MFR4N-TFT1	8GB	15	C	SK hynix	H5AN4G4NMFR-TFC	4Gb	x4	1435	Montage	B1	
SK hynix	HMA41GR7AFR4N-TFTD	8GB	15	C	SK hynix	H5AN4G4NAFR-TFC	4Gb	x4	1513	IDT	C0	
SK hynix	HMA41GR7AFR4N-TFT1	8GB	15	C	SK hynix	H5AN4G4NAFR-TFC	4Gb	x4	1509	Montage	B1	
SK hynix	HMA41GR7MFR8N-TFTD	8GB	15	E	SK hynix	H5AN4G8NMFR-TFC	4Gb	x8	1438	IDT	C0	
SK hynix	HMA41GR7MFR8N-TFT1	8GB	15	E	SK hynix	H5AN4G8NMFR-TFC	4Gb	x8	1435	Montage	B1	
SK hynix	HMA41GR7AFR8N-TFTD	8GB	15	E	SK hynix	H5AN4G8NAFR-TFC	4Gb	x8	1511	IDT	C0	
SK hynix	HMA41GR7AFR8N-TFT1	8GB	15	E	SK hynix	H5AN4G8NAFR-TFC	4Gb	x8	1511	Montage	B1	
SK hynix	HMA42GR7MFR4N-TFTD	16GB	15	A	SK hynix	H5AN4G4NMFR-TFC	4Gb	x4	1434	IDT	C0	
SK hynix	HMA42GR7MFR4N-TFT1	16GB	15	A	SK hynix	H5AN4G4NMFR-TFC	4Gb	x4	1433	Montage	B1	
SK hynix	HMA42GR7AFR4N-TFTD	16GB	15	A	SK hynix	H5AN4G4NAFR-TFC	4Gb	x4	1513	IDT	C0	
SK hynix	HMA42GR7AFR4N-TFT1	16GB	15	A	SK hynix	H5AN4G4NAFR-TFC	4Gb	x4	1513	Montage	B1	
SK hynix	HMA84GR7MFR4N-TFTD	32GB	15	B1	SK hynix	H5AN8G4NMFR-TFC	8Gb	x4	1546	IDT	C0	
SK hynix	HMA84GR7MFR4N-TFT1	32GB	15	B1	SK hynix	H5AN8G4NMFR-TFC	8Gb	x4	1546	Montage	B1	
SK hynix	HMA84GR7MFR4N-TFTD	32GB	15	B	SK hynix	H5AN8G4NMFR-TFC	8Gb	x4	1450	IDT	C0	
SK hynix	HMA84GR7MFR4N-TFT1	32GB	15	B	SK hynix	H5AN8G4NMFR-TFC	8Gb	x4	1450	Montage	B1	

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RDIMM SR/DR DDR4- 2:1 Mode
1600 1.2V 1DIMM and 2DIMMs per channel; 2 slots per channel; 4 channels
1600 1.2V 1DIMM, 2DIMMs, and 3DIMMs per channel; 3 slots per channel; 4 channels
1333 1.2V 3DIMMs per channel; 3 slots per channel; 4 channels

DIMM					DRAM					Register		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
Micron	MTA18ASF1G72PZ-2G1A2	8GB	15	C	Micron	MT40A1G4HX-093E:A	4Gb	x4	1408	IDT	C0	
Micron	MTA18ASF1G72PZ-2G1A2	8GB	15	C	Micron	MT40A1G4HX-093E:A	4Gb	x4	1408	Inphi	B0	
Micron	MTA18ASF1G72PZ-2G1B1	8GB	15	C1	Micron	MT40A1G4RH-075E:B	4Gb	x4	1606	Montage	A0	
Micron	MTA18ASF1G72PZ-2G1B1	8GB	15	C1	Micron	MT40A1G4RH-075E:B	4Gb	x4	1606	Inphi	GS01	
Micron	MTA18ASF1G72PZ-2G1B1	8GB	15	C1	Micron	MT40A1G4RH-075E:B	4Gb	x4	1606	IDT	C0	
Micron	MTA36ASF2G72PZ-2G1B1	16GB	15	B1	Micron	MT40A1G4RH-075E:B	4Gb	x4	1606	Montage	A0	
Micron	MTA36ASF2G72PZ-2G1B1	16GB	15	B1	Micron	MT40A1G4RH-075E:B	4Gb	x4	1606	Inphi	GS01	
Micron	MTA36ASF2G72PZ-2G1B1	16GB	15	B1	Micron	MT40A1G4RH-075E:B	4Gb	x4	1606	IDT	C0	
Micron	MTA36ASF2G72PZ-2G1A2	16GB	15	B	Micron	MT40A1G4HX-093E:A	4Gb	x4	1422	IDT	C0	
Micron	MTA36ASF2G72PZ-2G1A2	16GB	15	B	Micron	MT40A1G4HX-093E:A	4Gb	x4	1422	Inphi	B0	
Micron	MTA36ASF4G72PZ-2G1A1	32GB	15	B1	Micron	MT40A2G4PM-083E:A	8Gb	x4	1532	IDT	C0	
Micron	MTA36ASF4G72PZ-2G1A1	32GB	15	B1	Micron	MT40A2G4PM-083E:A	8Gb	x4	1532	Montage	C0	
Micron	MTA36ASF4G72PZ-2G1B1	32GB	15	B1	Micron	MT40A2G4WE-083E:B	8Gb	x4	1550	Inphi	GS01	
Micron	MTA36ASF4G72PZ-2G1B1	32GB	15	B1	Micron	MT40A2G4WE-083E:B	8Gb	x4	1550	Montage	C0	
Micron	MTA36ASF4G72PZ-2G1A1	32GB	15	B1	Micron	MT40A2G4PM-083E:A	8Gb	x4	1536	IDT	C0	
Micron	MTA36ASF4G72PZ-2G1A1	32GB	15	B1	Micron	MT40A2G4PM-083E:A	8Gb	x4	1536	Montage	C0	
Samsung	M393A5143DB0-CPB	4GB	15	D	Samsung	K4A4G085WD-BCPB	4Gb	x8	1430	IDT	C0	
Samsung	M393A5143DB0-CPB	4GB	15	D	Samsung	K4A4G085WD-BCPB	4Gb	x8	1430	Montage	B1	
Samsung	M393A1G40DB0-CPB	8GB	15	C	Samsung	K4A4G045WD-BCPB	4Gb	x4	1434	IDT	C0	
Samsung	M393A1G40DB0-CPB	8GB	15	C	Samsung	K4A4G045WD-BCPB	4Gb	x4	1434	Montage	B1	
Samsung	M393A1G43EB1-CPB	8GB	15	E	Samsung	K4A4G085WE-BCPB	4Gb	x8	1547	IDT	C0	
Samsung	M393A1G43EB1-CPB	8GB	15	E	Samsung	K4A4G085WE-BCPB	4Gb	x8	1547	Montage	C0	
Samsung	M393A1G43EB1-CPB	8GB	15	E	Samsung	K4A4G085WE-BCPB	4Gb	x8	1547	Inphi	B0	
Samsung	M393A1G40DB0-CPB	8GB	15	C	Samsung	K4A4G045WD-BCPB	4Gb	x4	1537	Inphi	B0	
Samsung	M393A1G43DB0-CPB	8GB	15	E	Samsung	K4A4G085WD-BCPB	4Gb	x8	1533	Inphi	B0	
Samsung	M393A1K43BB0-CPB	8GB	15	D	Samsung	K4A8G085WB-BCPB	8Gb	x8	1526	IDT	C0	

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RDIMM SR/DR DDR4- 2:1 Mode

1600 1.2V 1DIMM and 2DIMMs per channel; 2 slots per channel; 4 channels

1600 1.2V 1DIMM, 2DIMMs, and 3DIMMs per channel; 3 slots per channel; 4 channels

1333 1.2V 3DIMMs per channel; 3 slots per channel; 4 channels

DIMM					DRAM					Register		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
Samsung	M393A1K43BB0-CPB	8GB	15	D	Samsung	K4A8G085WB-BCPB	8Gb	x8	1526	Montage	C0	
Samsung	M393A1G40EB1-CPB	8GB	15	C	Samsung	K4A4G045WE-BCPB	4Gb	x4	1540	IDT	C0	
Samsung	M393A1G40EB1-CPB	8GB	15	C	Samsung	K4A4G045WE-BCPB	4Gb	x4	1540	Inphi	B0	
Samsung	M393A1G40EB1-CPB	8GB	15	C	Samsung	K4A4G045WE-BCPB	4Gb	x4	1540	Montage	C0	
Samsung	M393A1G43DB0-CPB	8GB	15	E	Samsung	K4A4G085WD-BCPB	4Gb	x8	1434	IDT	C0	
Samsung	M393A1G43DB0-CPB	8GB	15	E	Samsung	K4A4G085WD-BCPB	4Gb	x8	1434	Montage	B1	
Samsung	M393A2G40DB0-CPB	16GB	15	A	Samsung	K4A4G045WD-BCPB	4Gb	x4	1434	IDT	C0	
Samsung	M393A2G40DB0-CPB	16GB	15	A	Samsung	K4A4G045WD-BCPB	4Gb	x4	1434	Montage	B1	
Samsung	M393A2G40DB0-CPB	16GB	15	A	Samsung	K4A4G045WD-BCPB	4Gb	x4	1532	Inphi	B0	
Samsung	M393A2K40BB0-CPB	16GB	15	C	Samsung	K4A8G045WB-BCPB	8Gb	x4	1510	IDT	C0	
Samsung	M393A2K40BB0-CPB	16GB	15	C	Samsung	K4A8G045WB-BCPB	8Gb	x4	1510	Montage	C0	
Samsung	M393A2K43BB1-CPB	16GB	15	E	Samsung	K4A8G085WB-BCPB	8Gb	x8	1526	IDT	C0	
Samsung	M393A2K43BB1-CPB	16GB	15	E	Samsung	K4A8G085WB-BCPB	8Gb	x8	1526	Montage	C0	
Samsung	M393A2G40EB1-CPB	16GB	15	A	Samsung	K4A4G045WE-BCPB	4Gb	x4	1540	IDT	C0	
Samsung	M393A2G40EB1-CPB	16GB	15	A	Samsung	K4A4G045WE-BCPB	4Gb	x4	1540	Inphi	B0	
Samsung	M393A2G40EB1-CPB	16GB	15	A	Samsung	K4A4G045WE-BCPB	4Gb	x4	1540	Montage	C0	
Samsung	M393A4K40BB0-CPB	32GB	15	A	Samsung	K4A8G045WB-BCPB	8Gb	x4	1508	IDT	C0	
Samsung	M393A4K40BB0-CPB	32GB	15	A	Samsung	K4A8G045WB-BCPB	8Gb	x4	1507	Montage	C0	
SK hynix	HMA451R7MFR8N-TFTD	4GB	15	D	SK hynix	H5AN4G8NMFR-TFC	4Gb	x8	1428	IDT	C0	
SK hynix	HMA451R7MFR8N-TFT1	4GB	15	D	SK hynix	H5AN4G8NMFR-TFC	4Gb	x8	1431	Montage	B1	
SK hynix	HMA451R7AFR8N-TFT1	4GB	15	D	SK hynix	H5AN4G8NAFR-TFC	4Gb	x8	1510	Montage	B1	
SK hynix	HMA451R7AFR8N-TFTD	4GB	15	D	SK hynix	H5AN4G8NAFR-TFC	4Gb	x8	1510	IDT	C0	
SK hynix	HMA41GR7MFR4N-TFTD	8GB	15	C	SK hynix	H5AN4G4NMFR-TFC	4Gb	x4	1436	IDT	C0	
SK hynix	HMA41GR7MFR4N-TFT1	8GB	15	C	SK hynix	H5AN4G4NMFR-TFC	4Gb	x4	1435	Montage	B1	
SK hynix	HMA41GR7AFR4N-TFTD	8GB	15	C	SK hynix	H5AN4G4NAFR-TFC	4Gb	x4	1513	IDT	C0	
SK hynix	HMA41GR7AFR4N-TFT1	8GB	15	C	SK hynix	H5AN4G4NAFR-TFC	4Gb	x4	1509	Montage	B1	
SK hynix	HMA41GR7MFR8N-TFTD	8GB	15	E	SK hynix	H5AN4G8NMFR-TFC	4Gb	x8	1438	IDT	C0	

Intel Platform Memory Operations

RDIMM SR/DR DDR4- 2:1 Mode

1600 1.2V 1DIMM and 2DIMMs per channel; 2 slots per channel; 4 channels

1600 1.2V 1DIMM, 2DIMMs, and 3DIMMs per channel; 3 slots per channel; 4 channels

1333 1.2V 3DIMMs per channel; 3 slots per channel; 4 channels

DIMM					DRAM					Register		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
SK hynix	HMA41GR7MFR8N-TFT1	8GB	15	E	SK hynix	H5AN4G8NMFR-TFC	4Gb	x8	1435	Montage	B1	
SK hynix	HMA41GR7AFR8N-TFTD	8GB	15	E	SK hynix	H5AN4G8NAFR-TFC	4Gb	x8	1511	IDT	C0	
SK hynix	HMA41GR7AFR8N-TFT1	8GB	15	E	SK hynix	H5AN4G8NAFR-TFC	4Gb	x8	1513	Montage	B1	
SK hynix	HMA42GR7MFR4N-TFTD	16GB	15	A	SK hynix	H5AN4G4NMFR-TFC	4Gb	x4	1434	IDT	C0	
SK hynix	HMA42GR7MFR4N-TFT1	16GB	15	A	SK hynix	H5AN4G4NMFR-TFC	4Gb	x4	1433	Montage	B1	
SK hynix	HMA42GR7AFR4N-TFTD	16GB	15	A	SK hynix	H5AN4G4NAFR-TFC	4Gb	x4	1513	IDT	C0	
SK hynix	HMA42GR7AFR4N-TFT1	16GB	15	A	SK hynix	H5AN4G4NAFR-TFC	4Gb	x4	1513	Montage	B1	
SK hynix	HMA84GR7MFR4N-TFTD	32GB	15	B1	SK hynix	H5AN8G4NMFR-TFC	8Gb	x4	1546	IDT	C0	
SK hynix	HMA84GR7MFR4N-TFT1	32GB	15	B1	SK hynix	H5AN8G4NMFR-TFC	8Gb	x4	1546	Montage	B1	
SK hynix	HMA84GR7MFR4N-TFTD	32GB	15	B	SK hynix	H5AN8G4NMFR-TFC	8Gb	x4	1450	IDT	C0	
SK hynix	HMA84GR7MFR4N-TFT1	32GB	15	B	SK hynix	H5AN8G4NMFR-TFC	8Gb	x4	1450	Montage	B1	

Note: All parts are recommended to be run, using latest Intel® Platform reference Code Production Version.

Modules with the date codes within the Intel® Xeon® E5-2600 v3 processor family and the Intel® Xeon® E7-8800/4800 v3 processor family new date codes considered low risk.

