

Intel® Xeon® Processor E7-8800 Series (Westmere-EX)
 DDR3 RDIMM System-level Validation Results

Listed below are the results of testing a small sample of DDR3 RDIMMs on Boxboro-EX platform based on Intel® Xeon® E7-8800 series processors (code name Westmere-EX) and Intel Memory Buffer (code name MillBrook2). We are providing this information as a guide to module compatibility with Intel® server reference platforms using Intel® Xeon® E7-8800 series processors code named Westmere-EX. This testing is not intended to replace the normal OEM component qualification process. For results on specific Intel® motherboards or OEM production motherboards, please refer to the OEM's list of qualified memory suppliers.

DDR3/DDR3L 800, 978 and 1066 RDIMM Validation Results

The below samples have successfully completed validation testing at speed of DDR3 800, 978, and 1066 on Boxboro-EX platform with Intel Xeon E7-8800 series processor (Westmere-EX) and Intel Memory Buffer (MillBrook2).

Updated / New Parts

RDIMM DDR3/DDR3L 800/978/1066 SR/DR/QR @ 2 DIMMs/Channel													
DIMM						DRAM					Register		
Supplier	Part Number	Size	CL	RC	DDR Tech	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
Elpida	EBJ82RF8BCFA-AE-F	8GB	7	H	DDR3L	Elpida	EDJ2108BCSE-DJ-F	2Gb	x8	1050	IDT	A1	
Elpida	EBJ82RF8BCFA-AE-F	8GB	7	H	DDR3L	Elpida	EDJ2108BCSE-DJ-F	2Gb	x8	1050	Inphi	UV-GS02	
Micron	MT9JSF25672PZ-1G4D1	2GB	9	A	DDR3	Micron	MT41J256M8HX-15E:D	2Gb	x8	1040	IDT	B	
Micron	MT9JSF25672PZ-1G4D1	2GB	9	A	DDR3	Micron	MT41J256M8HX-15E:D	2Gb	x8	1040	Inphi	LV-GS02	
Micron	MT18KSF51272PDZ-1G4D1	4GB	9	B	DDR3L	Micron	MT41K256M8HX-15E:D	2Gb	x8	1040	IDT	B	
Micron	MT18KSF51272PDZ-1G4D1	4GB	9	B	DDR3L	Micron	MT41K256M8HX-15E:D	2Gb	x8	1040	Inphi	LV-GS02	
Micron	MT18KSF51272PDZ-1G4D1	4GB	9	B	DDR3L	Micron	MT41K256M8HX-15E:D	2Gb	x8	1040	TI	V4.2	
Micron	MT18JSF51272PDZ-1G4D1	4GB	9	B	DDR3	Micron	MT41J256M8HX-15E:D	2Gb	x8	1040	IDT	B	
Micron	MT18JSF51272PDZ-1G4D1	4GB	9	B	DDR3	Micron	MT41J256M8HX-15E:D	2Gb	x8	1040	Inphi	LV-GS02	
Micron	MT18KSF51272PDZ-1G4M1	4GB	9	B	DDR3L	Micron	MT41K256M8DA-125:M	2Gb	x8	1129	IDT	A1	
Micron	MT18KSF51272PDZ-1G4M1	4GB	9	B	DDR3L	Micron	MT41K256M8DA-125:M	2Gb	x8	1129	Inphi	UV-GS02	
Micron	MT18KSF51272PDZ-1G4M1	4GB	9	B	DDR3L	Micron	MT41K256M8DA-125:M	2Gb	x8	1129	TI	V5.0	
Micron	MT18JSF51272PZ-1G4D1	4GB	9	C	DDR3	Micron	MT41J512M4HX-15E:D	2Gb	x4	1040	IDT	B	
Micron	MT18JSF51272PZ-1G4D1	4GB	9	C	DDR3	Micron	MT41J512M4HX-15E:D	2Gb	x4	1040	TI	V4.2	
Micron	MT36JSZF1G72PZ-1G4D1	8GB	9	J	DDR3	Micron	MT41J512M4HX-15E:D	2Gb	x4	1040	IDT	B	

Micron	MT36JSZF1G72PZ-1G4D1	8GB	9	J	DDR3	Micron	MT41J512M4HX-15E:D	2Gb	x4	1040	Inphi	LV-GS02	
Micron	MT36JSZF1G72PDZ-1G1D1	8GB	9	H	DDR3	Micron	MT41J256M8HX-15E:D	2Gb	x8	1040	IDT	B	
Micron	MT36JSZF1G72PDZ-1G1D1	8GB	9	H	DDR3	Micron	MT41J256M8HX-15E:D	2Gb	x8	1040	Inphi	LV-GS02	
Micron	MT36JSZF1G72PDZ-1G1D1	8GB	9	H	DDR3	Micron	MT41J256M8HX-15E:D	2Gb	x8	1040	TI	V4.2	
Micron	MT36KSF1G72PDZ-1G1M1	8GB	9	H	DDR3L	Micron	MT41K256M8DA-125:M	2Gb	x8	1129	IDT	A1	

RDIMM DDR3/DDR3L 800/978/1066 SR/DR/QR @ 2 DIMMs/Channel

DIMM						DRAM					Register		
Supplier	Part Number	Size	CL	RC	DDR Tech	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
Micron	MT36KSF1G72PDZ-1G1M1	8GB	9	H	DDR3L	Micron	MT41K256M8DA-125:M	2Gb	x8	1129	Inphi	UV-GS02	
Micron	MT36KSF1G72PDZ-1G1M1	8GB	9	H	DDR3L	Micron	MT41K256M8DA-125:M	2Gb	x8	1129	TI	V5.0	
Micron	MT72JSZS2G72PZ-1G1D1	16GB	9	F	DDR3	Micron	MT41J1G4THD-15E:D	2Gb	x4	1040	IDT	B	1
Micron	MT72JSZS2G72PZ-1G1D1	16GB	9	F	DDR3	Micron	MT41J1G4THD-15E:D	2Gb	x4	1040	Inphi	LV-GS02	1
Micron	MT72KSZS2G72PZ-1G1D1	16GB	9	F	DDR3L	Micron	MT41K1G4THD-15E:D	2Gb	x4	1040	IDT	B	1
Micron	MT72KSZS2G72PZ-1G1D1	16GB	9	F	DDR3L	Micron	MT41K1G4THD-15E:D	2Gb	x4	1040	Inphi	LV-GS02	1
Micron	MT72KSZS2G72PZ-1G1M1	16GB	7	F	DDR3L	Micron	MT41K1G4THV-15E:M	2Gb	x4	1151	Inphi	UV-GS02	1
Micron	MT72KSZS2G72PZ-1G1M1	16GB	7	F	DDR3L	Micron	MT41K1G4THV-15E:M	2Gb	x4	1151	IDT	KA1 Evergreen	1
Micron	MT36KSF2G72PZ-1G4D1	16GB	9	F	DDR3L	Micron	MT41K1G4RA-15E:D	4Gb	x4	1152	Inphi	UV-GS02	
Micron	MT36KSF2G72PZ-1G4D1	16GB	9	F	DDR3L	Micron	MT41K1G4RA-15E:D	4Gb	x4	1152	IDT	KA1 Evergreen	
Micron	MT72KSZS4G72PZ-1G1D1	32GB	7	F	DDR3L	Micron	MT41K2G4THE-15E:D	4Gb	x4	1152	Inphi	UV-GS02	1
Micron	MT72KSZS4G72PZ-1G1D1	32GB	7	F	DDR3L	Micron	MT41K2G4THE-15E:D	4Gb	x4	1152	IDT	KA1 Evergreen	1
Nanya	NT4GC72C8PB2NL-CG	4GB	9	B	DDR3L	Nanya	NT5CC256M8BN-CG	2Gb	x8	1124	Inphi	UV-GS02	
Hynix	HMT325R7BFR8A-H9T2	2GB	9	A	DDR3L	Hynix	H5TQ2G83BFR-H9A	2Gb	x8	1101	Inphi	LV-GS02	
Hynix	HMT325R7BFR8A-H9T7	2GB	9	A	DDR3L	Hynix	H5TQ2G83BFR-H9A	2Gb	x8	1101	IDT	B	
Hynix	HMT351R7BFR8A-H9T2	4GB	9	B	DDR3L	Hynix	H5TC2G83BFR-H9A	2Gb	x8	1101	Inphi	LV-GS02	
Hynix	HMT351R7BFR8A-H9T7	4GB	9	B	DDR3L	Hynix	H5TC2G83BFR-H9A	2Gb	x8	1101	IDT	B	
Hynix	HMT351R7BFR4A-H9T2	4GB	9	C	DDR3L	Hynix	H5TC2G43BFR-H9A	2Gb	x4	1105	Inphi	LV-GS02	
Hynix	HMT351R7BFR4A-H9T7	4GB	9	C	DDR3L	Hynix	H5TC2G43BFR-H9A	2Gb	x4	1105	IDT	B	
Hynix	HMT31GR7BFR4A-H9D2	8GB	9	E	DDR3L	Hynix	H5TC2G43BFR-H9A	2Gb	x4	1106	Inphi	LV-GS02	
Hynix	HMT31GR7BFR4A-H9D7	8GB	9	E	DDR3L	Hynix	H5TC2G43BFR-H9A	2Gb	x4	1105	IDT	B	
Hynix	HMT31GR7BFR4C-H9T2	8GB	9	E	DDR3	Hynix	H5TQ2G43BFR-H9C	2Gb	X4	1103	Inphi	LV-GS02	
Hynix	HMT31GR7BFR4C-H9T7	8GB	9	E	DDR3	Hynix	H5TQ2G43BFR-H9C	2Gb	X4	1103	IDT	B	
Hynix	HMT31GR7BFR8A-G7T2	8GB	7	H	DDR3L	Hynix	H5TC2G83BFR-G7A	2Gb	x8	1048	Inphi	LV-GS02	
Hynix	HMT31GR7BFR8A-G7T7	8GB	7	H	DDR3L	Hynix	H5TC2G83BFR-G7A	2Gb	x8	1048	IDT	B	
Hynix	HMT31GR7BFR8C-G7T2	8GB	7	H	DDR3	Hynix	H5TQ2G83BFR-G7C	2Gb	x8	1108	Inphi	LV-GS02	
Hynix	HMT31GR7BFR8C-G7T7	8GB	7	H	DDR3	Hynix	H5TQ2G83BFR-G7C	2Gb	x8	1108	IDT	B	

Hynix	HMT42GR7BMR4C-G7D2	16GB	7	F	DDR3	Hynix	H5TC4G43BMR-G7C	2Gb	x4	1105	Inphi	LV-GS02	1	
Hynix	HMT42GR7BMR4C-G7D7	16GB	7	F	DDR3	Hynix	H5TC4G43BMR-G7C	2Gb	x4	1105	IDT	B	1	
Hynix	HMT42GR7BMR4A-G7D2	16GB	7	F	DDR3L	Hynix	H5TC4G43BMR-G7A	2Gb	x4	1105	Inphi	LV-GS02	1	
Hynix	HMT42GR7BMR4A-G7D7	16GB	7	F	DDR3L	Hynix	H5TC4G43BMR-G7A	2Gb	x4	1105	IDT	B	1	
RDIMM DDR3/DDR3L 800/978/1066 SR/DR/OR @ 2 DIMMs/Channel														
DIMM						DRAM					Register			
Supplier	Part Number	Size	CL	RC	DDR Tech	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note	
Samsung	M393B4G70AM0-YF8	32GB	7	AB	DDR3L	Samsung	K4B8G0446A-MYF8	4Gb	x4	1043	Inphi	UV-GS02		
Samsung	M393B5773DH0-YF8	2GB	7	A	DDR3L	Samsung	K4B2G0846D-HYF8	2Gb	x8	1047	IDT	A1		
Samsung	M393B5773DH0-YF8	2GB	7	A	DDR3L	Samsung	K4B2G0846D-HYF8	2Gb	x8	1047	Inphi	UV-GS02		
Samsung	M393B5273CH0-YH9	4GB	9	B	DDR3L	Samsung	K4B2G0846C-HYH9	2Gb	x8	1103	IDT	A1		
Samsung	M393B5273DH0-YF8	4GB	7	B	DDR3L	Samsung	K4B2G0846D-HYF8	2Gb	x8	1047	IDT	A1		
Samsung	M393B5273DH0-YF8	4GB	7	B	DDR3L	Samsung	K4B2G0846D-HYF8	2Gb	x8	1047	Inphi	UV-GS02		
Samsung	M393B1G73BH0-YF8	8GB	7	B	DDR3L	Samsung	K4B4G0846B-HYF8	4Gb	x8	1126	IDT	A1		
Samsung	M393B1G73BH0-YF8	8GB	7	B	DDR3L	Samsung	K4B4G0846B-HYF8	4Gb	x8	1126	Inphi	UV-GS02		
Samsung	M393B5270CH0-YH9	4GB	9	C	DDR3L	Samsung	K4B2G0446C-HYH9	2Gb	x4	1103	Inphi	UV-GS02		
Samsung	M393B5270CH0-YH9	4GB	9	C	DDR3L	Samsung	K4B2G0446C-HYH9	2Gb	x4	1103	IDT	A1		
Samsung	M393B5270DH0-YF8	4GB	7	C	DDR3L	Samsung	K4B2G0446D-HYF8	2Gb	x4	1043	IDT	A1		
Samsung	M393B5270DH0-YF8	4GB	7	C	DDR3L	Samsung	K4B2G0446D-HYF8	2Gb	x4	1043	Inphi	UV-GS02		
Samsung	M393B1G70BH0-YF8	8GB	7	C	DDR3L	Samsung	K4B4G0446B-HYF8	4Gb	x4	1106	IDT	A1		
Samsung	M393B1G70BH0-YF8	8GB	7	C	DDR3L	Samsung	K4B4G0446B-HYF8	4Gb	x4	1106	Inphi	UV-GS02		
Samsung	M393B1K70CH0-YH9	8GB	9	E	DDR3L	Samsung	K4B2G0446C-HYH9	2Gb	x4	1103	Inphi	UV-GS02		
Samsung	M393B1K70CH0-YH9	8GB	9	E	DDR3L	Samsung	K4B2G0446C-HYH9	2Gb	x4	1103	IDT	A1		
Samsung	M393B1K70DH0-YF8	8GB	7	E	DDR3L	Samsung	K4B2G0446D-HYF8	2Gb	x4	1043	IDT	A1		
Samsung	M393B1K70DH0-YF8	8GB	7	E	DDR3L	Samsung	K4B2G0446D-HYF8	2Gb	x4	1043	Inphi	UV-GS02		
Samsung	M393B2G70BH0-YF8	16GB	7	E	DDR3L	Samsung	K4B4G0446B-HYF8	4Gb	x4	1122	IDT	A1		
Samsung	M393B2G70BH0-YF8	16GB	7	E	DDR3L	Samsung	K4B4G0446B-HYF8	4Gb	x4	1115	Inphi	UV-GS02		
Samsung	M393B1K73DH0-YF8	8GB	7	H	DDR3L	Samsung	K4B2G0846D-HYF8	2Gb	x8	1050	IDT	A1		
Samsung	M393B1K73DH0-YF8	8GB	7	H	DDR3L	Samsung	K4B2G0846D-HYF8	2Gb	x8	1050	Inphi	UV-GS02		
Samsung	M393B2G73BH0-YF8	16GB	7	H	DDR3L	Samsung	K4B4G0846B-HYF8	4Gb	x8	1119	IDT	A1		
Samsung	M393B2G73BH0-YF8	16GB	7	H	DDR3L	Samsung	K4B4G0846B-HYF8	4Gb	x8	1119	Inphi	UV-GS02		
Samsung	M393B2K70CM0-YF8	16GB	9	F	DDR3L	Samsung	K4B4G0446C-MYF8	2Gb	x4	1103	Inphi	UV-GS02	1	
Samsung	M393B2K70CM0-YF8	16GB	9	F	DDR3L	Samsung	K4B4G0446C-MYF8	2Gb	x4	1103	IDT	A1	1	
Samsung	M393B4G70AM0-YF8	32GB	7	AB	DDR3L	Samsung	K4B8G0446A-MYF8	4Gb	x4	1043	Inphi	UV-GS02	1	
Samsung	M393B2K70DM0-YF8	16GB	7	AB	DDR3L	Samsung	K4B4G0446D-MYF8	4Gb	x4	1103	IDT	A1	1	
Samsung	M393B2K70DM0-YF8	16GB	7	AB	DDR3L	Samsung	K4B4G0446D-MYF8	4Gb	x4	1103	Inphi	UV-GS02	1	
Samsung	M393B4G70BM0-YF8	32GB	7	AB	DDR3L	Samsung	K4B8G0446B-MYF8	4Gb	x4	1116	IDT	A1	1	

Samsung	M393B4G70BM0-YF8	32GB	7	AB	DDR3L	Samsung	K4B8G0446B-MYF8	4Gb	x4	1116	Inphi	UV-GS02	1
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1. DDP (Dual Die Package)

Last Update: Oct 11th, 2012

