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Intel Platform Memory Operations

DDR3 RDIMM System-Level Validation Results on Intel® Xeon® E7-8800/4800/2800 v2 processor Family

Listed below are the results from a small sample of DDR3 RDIMMs tested on Intel® Xeon® E7-8800/4800/2800 v2 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.

The configurations validated only for the same supplier and same part number across memory channels

RDIMM SR/DR DDR3-1600 1.5V 1 and 2 DIMM Per Channel/ 2 Slot Per Channel/ 4Channel												
DIMM					DRAM					Register		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
SK hynix	HMT42GR7AFR4C-PB	16GB	11	E	SK hynix	H5TQ4G43AFR-PBC	4Gb	x4	1318	IDT	A1	
SK hynix	HMT42GR7AFR4C-PB	16GB	11	E	SK hynix	H5TQ4G43AFR-PBC	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT42GR7AFR4A-PB	16GB	11	E	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	IDT	A1	
SK hynix	HMT42GR7AFR4A-PB	16GB	11	E	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT41GR7AFR4A-PB	8GB	11	C	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	IDT	A1	
SK hynix	HMT41GR7AFR4A-PB	8GB	11	C	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT351R7EFR4A-PB	4GB	11	C	SK hynix	H5TC2G43EFR-PBA	2Gb	x4	1318	IDT	A1	
SK hynix	HMT351R7EFR4A-PB	4GB	11	C	SK hynix	H5TC2G43EFR-PBA	2Gb	x4	1318	Inphi	UV-GS02	
Samsung	M393B1K70QB0-YK0	8GB	11	E	Samsung	K4B2G0446Q-BYK0	2Gb	x4	1328	IDT	A1	
Samsung	M393B1K70QB0-YK0	8GB	11	E	Samsung	K4B2G0446Q-BYK0	2Gb	x4	1328	Inphi	UV-GS02	
Samsung	M393B2G70DB0-YK0	16GB	11	E	Samsung	K4B4G0446D-BYK0	4Gb	x4	1319	IDT	B1	
Samsung	M393B2G70DB0-YK0	16GB	11	E	Samsung	K4B4G0446D-BYK0	4Gb	x4	1319	Inphi	XV-GS02	
Samsung	M393B1G70QH0-YK0	8GB	11	C	Samsung	K4B4G0446Q-HYK0	4Gb	x4	1319	IDT	A1	
Samsung	M393B1G70QH0-YK0	8GB	11	C	Samsung	K4B4G0446Q-HYK0	4Gb	x4	1319	Inphi	UV-GS02	
Samsung	M393B2G70QH0-YK0	16GB	11	E	Samsung	K4B4G0446Q-BYK0	4Gb	x4	1325	IDT	A1	
Samsung	M393B2G70QH0-YK0	16GB	11	E	Samsung	K4B4G0446Q-BYK0	4Gb	x4	1325	Inphi	UV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	TI	V5.1	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	Inphi	UV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	Inphi	XV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	IDT	A1	
Micron	MT18KSF1G72PDZ-1G6E1	8GB	11	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1308	IDT	A1	
Micron	MT18KSF1G72PDZ-1G6E1	8GB	11	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1308	Inphi	UV-GS02	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	IDT	A1	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	UV-GS02	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	TI	V5.1	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	XV-GS02	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	IDT	A1	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	UV-GS02	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	TI	V5.1	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	XV-GS02	

2 DDR3 RDIMM Validation Results

Intel Platform Memory Operations

RDIMM SR/DR DDR3L-1333 1.35V 1 and 2DIMM Per Channel/ 2 Slot Per Channel/ 4Channel												
DIMM					DRAM					Register		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
SK hynix	HMT42GR7AFR4A-H9	16GB	9	E	SK hynix	H5TC4G43AFR-H9A	4Gb	x4	1318	IDT	A1	
SK hynix	HMT42GR7AFR4A-H9	16GB	9	E	SK hynix	H5TC4G43AFR-H9A	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT42GR7AFR4A-PB	16GB	11	E	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	IDT	A1	
SK hynix	HMT42GR7AFR4A-PB	16GB	11	E	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT41GR7AFR4A-PB	8GB	11	C	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	IDT	A1	
SK hynix	HMT41GR7AFR4A-PB	8GB	11	C	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT351R7EFR4A-PB	4GB	11	C	SK hynix	H5TC2G43EFR-PBA	2Gb	x4	1318	IDT	A1	
SK hynix	HMT351R7EFR4A-PB	4GB	11	C	SK hynix	H5TC2G43EFR-PBA	2Gb	x4	1318	Inphi	UV-GS02	
Samsung	M393B1K70QB0-YK0	8GB	11	E	Samsung	K4B2G0446Q-BYK0	2Gb	x4	1328	IDT	A1	
Samsung	M393B1K70QB0-YK0	8GB	11	E	Samsung	K4B2G0446Q-BYK0	2Gb	x4	1328	Inphi	UV-GS02	
Samsung	M393B2G70DB0-YK0	16GB	11	E	Samsung	K4B4G0446D-BYK0	4Gb	x4	1319	IDT	B1	
Samsung	M393B2G70DB0-YK0	16GB	11	E	Samsung	K4B4G0446D-BYK0	4Gb	x4	1319	Inphi	XV-GS02	
Samsung	M393B1G70QH0-YK0	8GB	11	C	Samsung	K4B4G0446Q-HYK0	4Gb	x4	1319	IDT	A1	
Samsung	M393B1G70QH0-YK0	8GB	11	C	Samsung	K4B4G0446Q-HYK0	4Gb	x4	1319	Inphi	UV-GS02	
Samsung	M393B2G70QH0-YK0	16GB	11	E	Samsung	K4B4G0446Q-BYK0	4Gb	x4	1325	IDT	A1	
Samsung	M393B2G70QH0-YK0	16GB	11	E	Samsung	K4B4G0446Q-BYK0	4Gb	x4	1325	Inphi	UV-GS02	
Elpida	EBJ17RG4EFWA-GN-F	16GB	11	E	Elpida	EDJ4204EFBG-GN-F	4Gb	x4	1306	IDT	B1	
Elpida	EBJ17RG4EFWA-GN-F	16GB	11	E	Elpida	EDJ4204EFBG-GN-F	4Gb	x4	1306	Inphi	XV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	TI	V5.1	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	Inphi	UV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	Inphi	XV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	IDT	A1	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	IDT	A1	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	UV-GS02	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	TI	V5.1	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	XV-GS02	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	IDT	A1	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	UV-GS02	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	TI	V5.1	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	XV-GS02	
Micron	MT18KSF1G72PDZ-1G6E1	8GB	11	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1308	IDT	A1	
Micron	MT18KSF1G72PDZ-1G6E1	8GB	11	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1308	Inphi	UV-GS02	

Intel Platform Memory Operations

RDIMM SR/DR DDR3-1333 1.5V 1 and 2DIMM Per Channel/ 3Slot Per Channel/ 4Channel												
DIMM					DRAM					Register		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
SK hynix	HMT42GR7AFR4A-H9	16GB	9	E	SK hynix	H5TC4G43AFR-H9A	4Gb	x4	1318	IDT	A1	
SK hynix	HMT42GR7AFR4A-H9	16GB	9	E	SK hynix	H5TC4G43AFR-H9A	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT42GR7AFR4C-PB	16GB	11	E	SK hynix	H5TQ4G43AFR-PBC	4Gb	x4	1318	IDT	A1	
SK hynix	HMT42GR7AFR4C-PB	16GB	11	E	SK hynix	H5TQ4G43AFR-PBC	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT42GR7AFR4A-PB	16GB	11	E	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	IDT	A1	
SK hynix	HMT42GR7AFR4A-PB	16GB	11	E	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT41GR7AFR4A-PB	8GB	11	C	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	IDT	A1	
SK hynix	HMT41GR7AFR4A-PB	8GB	11	C	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT351R7EFR4A-PB	4GB	11	C	SK hynix	H5TC2G43EFR-PBA	2Gb	x4	1318	IDT	A1	
SK hynix	HMT351R7EFR4A-PB	4GB	11	C	SK hynix	H5TC2G43EFR-PBA	2Gb	x4	1318	Inphi	UV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	TI	V5.1	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	Inphi	XV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	Inphi	UV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	IDT	A1	
Micron	MT18KSF1G72PDZ-1G6E1	8GB	11	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1308	IDT	A1	
Micron	MT18KSF1G72PDZ-1G6E1	8GB	11	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1308	Inphi	UV-GS02	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	IDT	A1	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	UV-GS02	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	TI	V5.1	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	XV-GS02	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	IDT	A1	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	UV-GS02	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	TI	V5.1	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	XV-GS02	
Samsung	M393B1K70QB0-YK0	8GB	11	E	Samsung	K4B2G0446Q-BYK0	2Gb	x4	1328	IDT	A1	
Samsung	M393B1K70QB0-YK0	8GB	11	E	Samsung	K4B2G0446Q-BYK0	2Gb	x4	1328	Inphi	UV-GS02	
Samsung	M393B2G70DB0-YK0	16GB	11	E	Samsung	K4B4G0446D-BYK0	4Gb	x4	1319	IDT	B1	
Samsung	M393B2G70DB0-YK0	16GB	11	E	Samsung	K4B4G0446D-BYK0	4Gb	x4	1319	Inphi	XV-GS02	
Samsung	M393B2G70QH0-YK0	16GB	11	E	Samsung	K4B4G0446Q-BYK0	4Gb	x4	1325	IDT	A1	
Samsung	M393B2G70QH0-YK0	16GB	11	E	Samsung	K4B4G0446Q-BYK0	4Gb	x4	1325	Inphi	UV-GS02	
Samsung	M393B1G70QH0-YK0	8GB	11	C	Samsung	K4B4G0446Q-HYK0	4Gb	x4	1319	IDT	A1	
Samsung	M393B1G70QH0-YK0	8GB	11	C	Samsung	K4B4G0446Q-HYK0	4Gb	x4	1319	Inphi	UV-GS02	

Intel Platform Memory Operations

RDIMM SR/DR DDR3-1066 1.5V 3DIMM Per Channel/ 3Slot Per Channel/ 4Channel												
DIMM					DRAM					Register		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
SK hynix	HMT42GR7AFR4A-H9	16GB	9	E	SK hynix	H5TC4G43AFR-H9A	4Gb	x4	1318	IDT	A1	
SK hynix	HMT42GR7AFR4A-H9	16GB	9	E	SK hynix	H5TC4G43AFR-H9A	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT42GR7AFR4C-PB	16GB	11	E	SK hynix	H5TQ4G43AFR-PBC	4Gb	x4	1318	IDT	A1	
SK hynix	HMT42GR7AFR4C-PB	16GB	11	E	SK hynix	H5TQ4G43AFR-PBC	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT42GR7AFR4A-PB	16GB	11	E	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	IDT	A1	
SK hynix	HMT42GR7AFR4A-PB	16GB	11	E	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT41GR7AFR4A-PB	8GB	11	C	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	IDT	A1	
SK hynix	HMT41GR7AFR4A-PB	8GB	11	C	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT351R7EFR4A-PB	4GB	11	C	SK hynix	H5TC2G43EFR-PBA	2Gb	x4	1318	IDT	A1	
SK hynix	HMT351R7EFR4A-PB	4GB	11	C	SK hynix	H5TC2G43EFR-PBA	2Gb	x4	1318	Inphi	UV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	TI	V5.1	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	Inphi	UV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	Inphi	XV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	IDT	A1	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	IDT	A1	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	UV-GS02	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	TI	V5.1	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	XV-GS02	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	IDT	A1	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	UV-GS02	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	TI	V5.1	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	XV-GS02	
Micron	MT18KSF1G72PDZ-1G6E1	8GB	11	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1308	IDT	A1	
Micron	MT18KSF1G72PDZ-1G6E1	8GB	11	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1308	Inphi	UV-GS02	
Samsung	M393B1K70QB0-YK0	8GB	11	E	Samsung	K4B2G0446Q-BYK0	2Gb	x4	1328	IDT	A1	
Samsung	M393B1K70QB0-YK0	8GB	11	E	Samsung	K4B2G0446Q-BYK0	2Gb	x4	1328	Inphi	UV-GS02	
Samsung	M393B2G70DB0-YK0	16GB	11	E	Samsung	K4B4G0446D-BYK0	4Gb	x4	1319	IDT	B1	
Samsung	M393B2G70DB0-YK0	16GB	11	E	Samsung	K4B4G0446D-BYK0	4Gb	x4	1319	Inphi	XV-GS02	
Samsung	M393B2G70QH0-YK0	16GB	11	E	Samsung	K4B4G0446Q-BYK0	4Gb	x4	1325	IDT	A1	
Samsung	M393B2G70QH0-YK0	16GB	11	E	Samsung	K4B4G0446Q-BYK0	4Gb	x4	1325	Inphi	UV-GS02	
Samsung	M393B1G70QH0-YK0	8GB	11	C	Samsung	K4B4G0446Q-HYK0	4Gb	x4	1319	IDT	A1	
Samsung	M393B1G70QH0-YK0	8GB	11	C	Samsung	K4B4G0446Q-HYK0	4Gb	x4	1319	Inphi	UV-GS02	

Intel Platform Memory Operations

RDIMM SR/DR DDR3L-1066 1.35V 2DIMM Per Channel/ 3Slot Per Channel/ 4Channel												
DIMM					DRAM					Register		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
SK hynix	HMT42GR7AFR4A-H9	16GB	9	E	SK hynix	H5TC4G43AFR-H9A	4Gb	x4	1318	IDT	A1	
SK hynix	HMT42GR7AFR4A-H9	16GB	9	E	SK hynix	H5TC4G43AFR-H9A	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT42GR7AFR4A-PB	16GB	11	E	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	IDT	A1	
SK hynix	HMT42GR7AFR4A-PB	16GB	11	E	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT41GR7AFR4A-PB	8GB	11	C	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	IDT	A1	
SK hynix	HMT41GR7AFR4A-PB	8GB	11	C	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT351R7EFR4A-PB	4GB	11	C	SK hynix	H5TC2G43EFR-PBA	2Gb	x4	1318	IDT	A1	
SK hynix	HMT351R7EFR4A-PB	4GB	11	C	SK hynix	H5TC2G43EFR-PBA	2Gb	x4	1318	Inphi	UV-GS02	
Samsung	M393B1K70QB0-YK0	8GB	11	E	Samsung	K4B2G0446Q-BYK0	2Gb	x4	1328	IDT	A1	
Samsung	M393B1K70QB0-YK0	8GB	11	E	Samsung	K4B2G0446Q-BYK0	2Gb	x4	1328	Inphi	UV-GS02	
Samsung	M393B2G70DB0-YK0	16GB	11	E	Samsung	K4B4G0446D-BYK0	4Gb	x4	1319	IDT	B1	
Samsung	M393B2G70DB0-YK0	16GB	11	E	Samsung	K4B4G0446D-BYK0	4Gb	x4	1319	Inphi	XV-GS02	
Samsung	M393B1G70QH0-YK0	8GB	11	C	Samsung	K4B4G0446Q-HYK0	4Gb	x4	1319	IDT	A1	
Samsung	M393B1G70QH0-YK0	8GB	11	C	Samsung	K4B4G0446Q-HYK0	4Gb	x4	1319	Inphi	UV-GS02	
Samsung	M393B2G70QH0-YK0	16GB	11	E	Samsung	K4B4G0446Q-BYK0	4Gb	x4	1325	IDT	A1	
Samsung	M393B2G70QH0-YK0	16GB	11	E	Samsung	K4B4G0446Q-BYK0	4Gb	x4	1325	Inphi	UV-GS02	
Elpida	EBJ17RG4EFWA-GN-F	16GB	11	E	Elpida	EDJ4204EFBG-GN-F	4Gb	x4	1306	IDT	B1	
Elpida	EBJ17RG4EFWA-GN-F	16GB	11	E	Elpida	EDJ4204EFBG-GN-F	4Gb	x4	1306	Inphi	XV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	TI	V5.1	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	Inphi	UV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	Inphi	XV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	IDT	A1	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	IDT	A1	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	UV-GS02	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	TI	V5.1	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	XV-GS02	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	IDT	A1	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	UV-GS02	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	TI	V5.1	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	XV-GS02	
Micron	MT18KSF1G72PDZ-1G6E1	8GB	11	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1308	IDT	A1	
Micron	MT18KSF1G72PDZ-1G6E1	8GB	11	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1308	Inphi	UV-GS02	

Intel Platform Memory Operations

RDIMM SR/DR DDR3L-1333 1.35V 1DIMM Per Channel/ 3Slot Per Channel/ 4Channel												
DIMM					DRAM					Register		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
SK hynix	HMT42GR7AFR4A-H9	16GB	9	E	SK hynix	H5TC4G43AFR-H9A	4Gb	x4	1318	IDT	A1	
SK hynix	HMT42GR7AFR4A-H9	16GB	9	E	SK hynix	H5TC4G43AFR-H9A	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT42GR7AFR4A-PB	16GB	11	E	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	IDT	A1	
SK hynix	HMT42GR7AFR4A-PB	16GB	11	E	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT41GR7AFR4A-PB	8GB	11	C	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	IDT	A1	
SK hynix	HMT41GR7AFR4A-PB	8GB	11	C	SK hynix	H5TC4G43AFR-PBA	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT351R7EFR4A-PB	4GB	11	C	SK hynix	H5TC2G43EFR-PBA	2Gb	x4	1318	IDT	A1	
SK hynix	HMT351R7EFR4A-PB	4GB	11	C	SK hynix	H5TC2G43EFR-PBA	2Gb	x4	1318	Inphi	UV-GS02	
Samsung	M393B1K70QB0-YK0	8GB	11	E	Samsung	K4B2G0446Q-BYK0	2Gb	x4	1328	IDT	A1	
Samsung	M393B1K70QB0-YK0	8GB	11	E	Samsung	K4B2G0446Q-BYK0	2Gb	x4	1328	Inphi	UV-GS02	
Samsung	M393B2G70DB0-YK0	16GB	11	E	Samsung	K4B4G0446D-BYK0	4Gb	x4	1319	IDT	B1	
Samsung	M393B2G70DB0-YK0	16GB	11	E	Samsung	K4B4G0446D-BYK0	4Gb	x4	1319	Inphi	XV-GS02	
Samsung	M393B1G70QH0-YK0	8GB	11	C	Samsung	K4B4G0446Q-HYK0	4Gb	x4	1319	IDT	A1	
Samsung	M393B1G70QH0-YK0	8GB	11	C	Samsung	K4B4G0446Q-HYK0	4Gb	x4	1319	Inphi	UV-GS02	
Samsung	M393B2G70QH0-YK0	16GB	11	E	Samsung	K4B4G0446Q-BYK0	4Gb	x4	1325	IDT	A1	
Samsung	M393B2G70QH0-YK0	16GB	11	E	Samsung	K4B4G0446Q-BYK0	4Gb	x4	1325	Inphi	UV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	TI	V5.1	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	Inphi	UV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	Inphi	XV-GS02	
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1308	IDT	A1	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	IDT	A1	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	UV-GS02	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	TI	V5.1	
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	XV-GS02	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	IDT	A1	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	UV-GS02	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	TI	V5.1	
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1302	Inphi	XV-GS02	
Micron	MT18KSF1G72PDZ-1G6E1	8GB	11	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1308	IDT	A1	
Micron	MT18KSF1G72PDZ-1G6E1	8GB	11	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1308	Inphi	UV-GS02	
Elpida	EBJ17RG4EFWA-GN-F	16GB	11	E	Elpida	EDJ4204EFBG-GN-F	4Gb	x4	1306	IDT	B1	
Elpida	EBJ17RG4EFWA-GN-F	16GB	11	E	Elpida	EDJ4204EFBG-GN-F	4Gb	x4	1306	Inphi	XV-GS02	

Intel Platform Memory Operations

RDIMM QR DDR3-1066 1.5V 1 DIMM Per Channel/ 2 and 3 Slot Per Channel/ 4Channel												
DIMM					DRAM					Register		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
Micron	MT72KSZS4G72PZ-1G4E2	32GB	11	C	Micron	MT41K2G4TRF-125:E	4Gb	x4	1330	Inphi	XV-GS02	
Micron	MT72KSZS4G72PZ-1G4E2	32GB	11	C	Micron	MT41K2G4TRF-125:E	4Gb	x4	1330	IDT	A1	

RDIMM QR DDR3-1066 1.35V 1DIMM Per Channel/ 3Slot Per Channel/ 4Channel												
DIMM					DRAM					Register		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
Micron	MT72KSZS4G72PZ-1G4E2	32GB	11	C	Micron	MT41K2G4TRF-125:E	4Gb	x4	1330	Inphi	XV-GS02	
Micron	MT72KSZS4G72PZ-1G4E2	32GB	11	C	Micron	MT41K2G4TRF-125:E	4Gb	x4	1330	IDT	A1	

RDIMM QR DDR3-1066 1.35V 1 and 2DIMM Per Channel/ 2Slot Per Channel/ 4Channel												
DIMM					DRAM					Register		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
Micron	MT72KSZS4G72PZ-1G4E2	32GB	11	C	Micron	MT41K2G4TRF-125:E	4Gb	x4	1330	Inphi	XV-GS02	
Micron	MT72KSZS4G72PZ-1G4E2	32GB	11	C	Micron	MT41K2G4TRF-125:E	4Gb	x4	1330	IDT	A1	

Parts may be capable of higher speed or lower voltages. All parts have been tested at POR configuration.

Approved Test Labs:

The following test labs have the capability of performing the DDR3 RDIMM system-level testing. For further information please contact:

Platform Memory Operations Lab

Advanced Validation Labs

Rhonda Duda, Program Manager

phone: 714-438-2787

rduda@validationlabs.com

