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## Intel Platform Memory Operations

### DDR3 RDIMM System-Level Validation Results on Intel® Xeon® E5-2600 v2 processor Family

Listed below are the results from a small sample of DDR3 RDIMMs tested on Intel® Xeon® E5-2600 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

Updated / New Part

RDIMM SR/DR DDR3-1866 1.5V 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	
Crucial	CT2G3ERSDS8186D.9FKD	2GB	13	A	Micron	MT41J256M8DA-107:K	2Gb	x8	1328	IDT	A1	
Crucial	CT2G3ERSDS8186D.9FKD	2GB	13	A	Micron	MT41J256M8DA-107:K	2Gb	x8	1328	Inphi	XV-GS02	
Crucial	CT4G3ERSDD8186D.18FKD	4GB	13	B	Micron	MT41J256M8DA-107:K	2Gb	x8	1328	IDT	A1	
Crucial	CT4G3ERSDD8186D.18FKD	4GB	13	B	Micron	MT41J256M8DA-107:K	2Gb	x8	1328	Inphi	XV-GS02	
Crucial	CT8G3ERSDD8186D.18FED	8GB	13	B	Micron	MT41K512M8RH-107:E	4Gb	x8	1328	IDT	A1	
Crucial	CT8G3ERSDD8186D.18FED	8GB	13	B	Micron	MT41K512M8RH-107:E	4Gb	x8	1328	Inphi	XV-GS02	
Crucial	CT4G3ERSDS4186D.18FKD	4GB	13	C	Micron	MT41K512M4DA-107:K	2Gb	x4	1328	Inphi	XV-GS02	
Crucial	CT4G3ERSDS4186D.18FKD	4GB	13	C	Micron	MT41K512M4DA-107:K	2Gb	x4	1328	IDT	A1	
Crucial	CT8G3ERSDS4186D.18FED	8GB	13	C	Micron	MT41K1G4RH-107:E	4Gb	x4	1332	Inphi	XV-GS02	
Crucial	CT8G3ERSDS4186D.18FED	8GB	13	C	Micron	MT41K1G4RH-107:E	4Gb	x4	1332	IDT	A1	
Crucial	CT8G3ERSDD4186D.36FKD	8GB	13	E	Micron	MT41K512M4DA-107:K	2Gb	x4	1328	Inphi	XV-GS02	
Crucial	CT8G3ERSDD4186D.36FKD	8GB	13	E	Micron	MT41K512M4DA-107:K	2Gb	x4	1328	IDT	A1	
Crucial	CT16G3ERSDD4186D.36FED	16GB	13	E	Micron	MT41K1G4RH-107:E	4Gb	x4	1332	IDT	A1	
Crucial	CT16G3ERSDD4186D.36FED	16GB	13	E	Micron	MT41K1G4RH-107:E	4Gb	x4	1332	Inphi	XV-GS02	
Elpida	EBJ80RG4BFWA-JS-F	8GB	13	C	Elpida	EDJ4204BFBG-JS-F	4Gb	x4	1315	IDT	B1	
Elpida	EBJ80RG4BFWA-JS-F	8GB	13	C	Elpida	EDJ4204BFBG-JS-F	4Gb	x4	1315	Inphi	XV-GS02	
Kingston	KVR18R13D4/8	8GB	13	E	SK hynix	H5TQ2G43EFR-RDC	2Gb	x4	1316	IDT	B1	
Kingston	KVR18R13D4/16	16GB	13	E	SK hynix	H5TQ4G43AFR-RDC	4Gb	x4	1314	IDT	B1	
Kingston	KVR18R13S4/8KF	8GB	13	C	Kingston	D1024JD1FPGJD	4Gb	x4	1417	Inphi	UV-GS02	
Kingston	KVR18R13D4/16KF	16GB	13	E	Kingston	D1024JD1FPGJD	4Gb	x4	1408	Inphi	UV-GS02	
Kingston	KVR18R13D8/8	8GB	13	B	SK Hynix	H5TQ4G83BFR-RDC	4Gb	x8	1438	Inphi	XV-GS02	
Kingston	KVR18R13S4/8	8GB	13	C	SK Hynix	H5TQ4G43BFR-RDC	4Gb	x4	1436	Inphi	XV-GS02	
Kingston	KVR18R13D4/16	16GB	13	E	SK Hynix	H5TQ4G43BFR-RDC	4Gb	x4	1436	Inphi	XV-GS02	

## Intel Platform Memory Operations

RDIMM SR/DR DDR3-1866 1.5V 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
Micron	MT9JSF25672PZ-1G9K1	2GB	13	A	Micron	MT41J256M8DA-107:K	2Gb	x8	1328	Inphi	XV-GS02
Micron	MT9JSF25672PZ-1G9K1	2GB	13	A	Micron	MT41J256M8DA-107:K	2Gb	x8	1328	IDT	A1
Micron	MT18JSF1G72PDZ-1G9N1	8GB	13	B	Micron	MT41K512M8RG-107:N	4Gb	x8	1410	IDT	B1
Micron	MT18JSF1G72PDZ-1G9N1	8GB	13	B	Micron	MT41K512M8RG-107:N	4Gb	x8	1410	TI	v5.1
Micron	MT18JSF1G72PDZ-1G9N1	8GB	13	B	Micron	MT41K512M8RG-107:N	4Gb	x8	1410	Inphi	XV-GS02
Micron	MT18JSF51272PDZ-1G9K1	4GB	13	B	Micron	MT41J256M8DA-107:K	2Gb	x8	1328	IDT	A1
Micron	MT18JSF51272PDZ-1G9K1	4GB	13	B	Micron	MT41J256M8DA-107:K	2Gb	x8	1328	Inphi	XV-GS02
Micron	MT18JSF1G72PDZ-1G9E1	8GB	13	B	Micron	MT41K512M8RH-107:E	4Gb	x8	1328	IDT	A1
Micron	MT18JSF1G72PDZ-1G9E1	8GB	13	B	Micron	MT41K512M8RH-107:E	4Gb	x8	1328	Inphi	XV-GS02
Micron	MT18JSF1G72PDZ-1G9E2	8GB	13	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1250	Inphi	XV-GS02
Micron	MT18JSF1G72PDZ-1G9E2	8GB	13	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1250	IDT	A1
Micron	MT18JSF51272PZ-1G9K1	4GB	13	C	Micron	MT41K512M4DA-107:K	2Gb	x4	1328	Inphi	XV-GS02
Micron	MT18JSF51272PZ-1G9K1	4GB	13	C	Micron	MT41K512M4DA-107:K	2Gb	x4	1328	IDT	A1
Micron	MT18JSF1G72PZ-1G9E1	8GB	13	C	Micron	MT41K1G4RH-107:E	4Gb	x4	1332	Inphi	XV-GS02
Micron	MT18JSF1G72PZ-1G9E1	8GB	13	C	Micron	MT41K1G4RH-107:E	4Gb	x4	1332	IDT	A1
Micron	MT18JSF1G72PZ-1G9N1	8GB	13	C	Micron	MT41K1G4RG-107:N	4Gb	x4	1410	IDT	B1
Micron	MT18JSF1G72PZ-1G9N1	8GB	13	C	Micron	MT41K1G4RG-107:N	4Gb	x4	1410	TI	v5.1
Micron	MT18JSF1G72PZ-1G9N1	8GB	13	C	Micron	MT41K1G4RG-107:N	4Gb	x4	1410	Inphi	XV-GS02
Micron	MT36JSF1G72PZ-1G9K1	8GB	13	E	Micron	MT41K512M4DA-107:K	2Gb	x4	1328	Inphi	XV-GS02
Micron	MT36JSF1G72PZ-1G9K1	8GB	13	E	Micron	MT41K512M4DA-107:K	2Gb	x4	1328	IDT	A1
Micron	MT36JSF2G72PZ-1G9E1	16GB	13	E	Micron	MT41K1G4RH-107:E	4Gb	x4	1332	IDT	A1
Micron	MT36JSF2G72PZ-1G9E1	16GB	13	E	Micron	MT41K1G4RH-107:E	4Gb	x4	1332	Inphi	XV-GS02
Micron	MT36JSF2G72PZ-1G9N1	16GB	13	E	Micron	MT41K1G4RG-107:N	4Gb	x4	1410	IDT	B1
Micron	MT36JSF2G72PZ-1G9N1	16GB	13	E	Micron	MT41K1G4RG-107:N	4Gb	x4	1410	TI	v5.1
Micron	MT36JSF2G72PZ-1G9N1	16GB	13	E	Micron	MT41K1G4RG-107:N	4Gb	x4	1410	Inphi	XV-GS02
Samsung	M393B5173QH0-CMA	4GB	13	A	Samsung	K4B4G0846D-BCMA	4Gb	x8	1349	IDT	A1
Samsung	M393B5273QB0-CMA	4GB	13	B	Samsung	K4B2G0846D-BCMA	2Gb	x8	1349	IDT	A1
Samsung	M393B1G73QH0-CMA	8GB	13	B	Samsung	K4B4G0846Q-HCMA	4Gb	x8	1349	IDT	A1
Samsung	M393B1G70QH0-CMA	8GB	13	C	Samsung	K4B4G0446Q-HCMA	4Gb	x4	1328	IDT	A1
Samsung	M393B1G70DB0-CMA	8GB	13	C	Samsung	K4B4G0446D-BCMA	4Gb	x4	1340	IDT	B1
Samsung	M393B5270QB0-CMA	8GB	13	C	Samsung	K4B4G0446Q-BCMA	4Gb	x4	1349	IDT	A1

## Intel Platform Memory Operations

RDIMM SR/DR DDR3-1866 1.5V 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	
Samsung	M393B2G70QH0-CMA	16GB	13	E	Samsung	K4B4G0446Q-HCMA	4Gb	x4	1349	IDT	A1	
Samsung	M393B1K70QB0-CMA	8GB	13	E	Samsung	K4B2G0446Q-BCMA	2Gb	x4	1328	Inphi	UV-GS02	
Samsung	M393B2G70DB0-CMA	16GB	13	E	Samsung	K4B4G0446D-BCMA	4Gb	x4	1313	Inphi	XV-GS02	
Samsung	M393B2G70EB0-CMA	16GB	13	E	Samsung	K4B4G0446E-BCMA	4Gb	x4	1434	IDT	B1	
SK hynix	HMT325R7EFR8C-RD	2GB	13	A	SK hynix	H5TQ2G83EFR-RDC	2Gb	x8	1318	Inphi	UV-GS02	
SK hynix	HMT325R7EFR8C-RD	2GB	13	A	SK hynix	H5TQ2G83EFR-RDC	2Gb	x8	1318	IDT	A1	
SK hynix	HMT451R7AFR8C-RD	4GB	13	A	SK hynix	H5TQ4G83AFR-RDC	4Gb	x8	1318	IDT	A1	
SK hynix	HMT451R7AFR8C-RD	4GB	13	A	SK hynix	H5TQ4G83AFR-RDC	4Gb	x8	1318	Inphi	UV-GS02	
SK Hynix	HMT451R7BFR8C-RD	4GB	13	A	SK Hynix	H5TQ4G83BFR-RDC	4Gb	x8	1422	IDT	A1	
SK Hynix	HMT451R7BFR8C-RD	4GB	13	A	SK Hynix	H5TQ4G83BFR-RDC	4Gb	x8	1424	Inphi	XV-GS02	
SK hynix	HMT351R7EFR8C-RD	4GB	13	B	SK hynix	H5TQ2G83EFR-RDC	2Gb	x8	1318	Inphi	UV-GS02	
SK hynix	HMT351R7EFR8C-RD	4GB	13	B	SK hynix	H5TQ2G83EFR-RDC	2Gb	x8	1318	IDT	A1	
SK hynix	HMT41GR7AFR8C-RD	8GB	13	B	SK hynix	H5TQ4G83AFR-RDC	4Gb	x8	1318	IDT	A1	
SK hynix	HMT41GR7AFR8C-RD	8GB	13	B	SK hynix	H5TQ4G83AFR-RDC	4Gb	x8	1318	Inphi	UV-GS02	
SK Hynix	HMT41GR7BFR8C-RD	8GB	13	B	SK Hynix	H5TQ4G83BFR-RDC	4Gb	x8	1430	IDT	A1	
SK Hynix	HMT41GR7BFR8C-RD	8GB	13	B	SK Hynix	H5TQ4G83BFR-RDC	4Gb	x8	1430	Inphi	XV-GS02	
SK hynix	HMT351R7EFR4C-RD	4GB	13	C	SK hynix	H5TQ2G43EFR-RDC	2Gb	x4	1318	IDT	A1	
SK hynix	HMT351R7EFR4C-RD	4GB	13	C	SK hynix	H5TQ2G43EFR-RDC	2Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT41GR7AFR4C-RD	8GB	13	C	SK hynix	H5TQ4G43AFR-RDC	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT41GR7AFR4C-RD	8GB	13	C	SK hynix	H5TQ4G43AFR-RDC	4Gb	x4	1318	IDT	A1	
SK Hynix	HMT41GR7BFR4C-RD	8GB	13	C	SK Hynix	H5TQ4G43BFR-RDC	4Gb	x4	1431	IDT	A1	
SK Hynix	HMT41GR7BFR4C-RD	8GB	13	C	SK Hynix	H5TQ4G43BFR-RDC	4Gb	x4	1424	Inphi	XV-GS02	
SK hynix	HMT31GR7EFR4C-RD	8GB	13	E	SK hynix	H5TQ2G43EFR-RDC	2Gb	x4	1318	IDT	A1	
SK hynix	HMT31GR7EFR4C-RD	8GB	13	E	SK hynix	H5TQ2G43EFR-RDC	2Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT42GR7AFR4C-RD	16GB	13	E	SK hynix	H5TQ4G43AFR-RDC	4Gb	x4	1318	Inphi	UV-GS02	
SK hynix	HMT42GR7AFR4C-RD	16GB	13	E	SK hynix	H5TQ4G43AFR-RDC	4Gb	x4	1318	IDT	A1	
SK Hynix	HMT42GR7BFR4C-RD	16GB	13	E	SK Hynix	H5TQ4G43BFR-RDC	4Gb	x4	1424	IDT	A1	
SK Hynix	HMT42GR7BFR4C-RD	16GB	13	E	SK Hynix	H5TQ4G43BFR-RDC	4Gb	x4	1424	Inphi	XV-GS02	

## Intel Platform Memory Operations

RDIMM SR/DR DDR3L-1600 1.35V 1DIMM Per Channel / 1Slot Per Channel 4Channel											
DIMM					DRAM					Register	
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision
Crucial	CT2G3ERSLS8160B.9FKD	2GB	11	A	Micron	MT41K256M8DA-125:K	2Gb	x8	1328	Inphi	UV-GS02
Crucial	CT2G3ERSLS8160B.9FKD	2GB	11	A	Micron	MT41K256M8DA-125:K	2Gb	x8	1328	IDT	A1
Crucial	CT4G3ERSLD8160B.18FKD	4GB	11	B	Micron	MT41K256M8DA-125:K	2Gb	x8	1328	IDT	A1
Crucial	CT4G3ERSLD8160B.18FKD	4GB	11	B	Micron	MT41K256M8DA-125:K	2Gb	x8	1328	Inphi	UV-GS02
Crucial	CT8G3ERSLD8160B.18FED	8GB	11	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1328	Inphi	UV-GS02
Crucial	CT8G3ERSLD8160B.18FED	8GB	11	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1328	IDT	A1
Crucial	CT4G3ERSLS4160B.18FKD	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1328	TI	V5.1
Crucial	CT4G3ERSLS4160B.18FKD	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1328	Inphi	XV-GS02
Crucial	CT4G3ERSLS4160B.18FKD	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1328	Inphi	UV-GS02
Crucial	CT4G3ERSLS4160B.18FKD	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1328	IDT	A1
Crucial	CT8G3ERSLS4160B.18FED	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1332	Inphi	UV-GS02
Crucial	CT8G3ERSLS4160B.18FED	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1332	Inphi	XV-GS02
Crucial	CT8G3ERSLS4160B.18FED	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1332	IDT	A1
Crucial	CT8G3ERSLS4160B.18FED	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1332	TI	V5.1
Crucial	CT8G3ERSLD4160B.36FKD	8GB	11	E	Micron	MT41K512M4DA-125:K	2Gb	x4	1328	Inphi	XV-GS02
Crucial	CT8G3ERSLD4160B.36FKD	8GB	11	E	Micron	MT41K512M4DA-125:K	2Gb	x4	1328	Inphi	UV-GS02
Crucial	CT8G3ERSLD4160B.36FKD	8GB	11	E	Micron	MT41K512M4DA-125:K	2Gb	x4	1328	IDT	A1
Crucial	CT8G3ERSLD4160B.36FKD	8GB	11	E	Micron	MT41K512M4DA-125:K	2Gb	x4	1328	TI	V5.1
Crucial	CT16G3ERSLD4160B.36FED	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1332	IDT	A1
Crucial	CT16G3ERSLD4160B.36FED	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1332	Inphi	XV-GS02
Crucial	CT16G3ERSLD4160B.36FED	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1332	TI	V5.1
Crucial	CT16G3ERSLD4160B.36FED	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1332	Inphi	UV-GS02
Elpida	EBJ80RG4EFWA-GN-F	8GB	11	C	Elpida	EDJ4204EFBG-GN-F	4Gb	x4	1306	IDT	B1
Elpida	EBJ80RG4EFWA-GN-F	8GB	11	C	Elpida	EDJ4204EFBG-GN-F	4Gb	x4	1306	Inphi	XV-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
Kingston	KVR16LR11S8/4KF	4GB	11	A1	Kingston	D5128ED1FPGGB	4Gb	x8	1345	Montage	H0
Kingston	KVR16LR11D8/8KF	8GB	11	B1	Kingston	D5128ED1FPGGB	4Gb	x8	1345	Montage	H0
Kingston	KVR16LR11S4/8KF	8GB	11	C2	Kingston	D1024ED1FPGGB	4Gb	x4	1340	Inphi	UV-GS02
Kingston	KVR16LR11D4/8	8GB	11	E	SK hynix	H5TC2G43EFR-PBA	2Gb	x4	1309	Inphi	UV-GS02
Kingston	KVR16LR11D4/16KF	16GB	11	E2	Kingston	D1024ED1FPGGB	4Gb	x4	1341	Inphi	UV-GS02

## Intel Platform Memory Operations

RDIMM SR/DR DDR3L-1600 1.35V 1DIMM Per Channel / 1Slot Per Channel 4Channel											
DIMM					DRAM					Register	
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision
Kingston	KVR16LR11D4/16	16GB	11	E	SK hynix	HT5C4G43AFR-PBA	4Gb	x4	1307	IDT	B1
Kingston	KVR16LR11D8/8	8GB	11	B	SK Hynix	H5TQ4G83BFR-PBA	4Gb	x8	1434	Inphi	XV-GS02
Kingston	KVR16LR11S4/8	8GB	11	C	SK Hynix	H5TQ4G43BFR-PBA	4Gb	x4	1436	Inphi	XV-GS02
Kingston	KVR16LR11D4/16	16GB	11	E	SK Hynix	H5TQ4G43BFR-PBA	4Gb	x4	1436	Inphi	XV-GS02
Micron	MT9KSF25672PZ-1G6K1	2GB	11	A	Micron	MT41K256M8DA-125:K	2Gb	x8	1328	Inphi	UV-GS02
Micron	MT9KSF25672PZ-1G6K1	2GB	11	A	Micron	MT41K256M8DA-125:K	2Gb	x8	1328	IDT	A1
Micron	MT18KSF1G72PDZ-1G6N1	8GB	11	B	Micron	MT41K512M8RG-107:N	4Gb	x8	1410	IDT	B1
Micron	MT18KSF1G72PDZ-1G6N1	8GB	11	B	Micron	MT41K512M8RG-107:N	4Gb	x8	1410	TI	v5.1
Micron	MT18KSF1G72PDZ-1G6N1	8GB	11	B	Micron	MT41K512M8RG-107:N	4Gb	x8	1410	Inphi	XV-GS02
Micron	MT18KSF51272PDZ-1G6K1	4GB	11	B	Micron	MT41K256M8DA-125:K	2Gb	x8	1328	IDT	A1
Micron	MT18KSF51272PDZ-1G6K1	4GB	11	B	Micron	MT41K256M8DA-125:K	2Gb	x8	1328	Inphi	UV-GS02
Micron	MT18KSF1G72PDZ-1G6E1	8GB	11	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1328	Inphi	UV-GS02
Micron	MT18KSF1G72PDZ-1G6E1	8GB	11	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1328	IDT	A1
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1328	TI	V5.1
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1328	Inphi	XV-GS02
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1328	Inphi	UV-GS02
Micron	MT18KSF51272PZ-1G6K1	4GB	11	C	Micron	MT41K512M4DA-125:K	2Gb	x4	1328	IDT	A1
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1332	Inphi	UV-GS02
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1332	Inphi	XV-GS02
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1332	IDT	A1
Micron	MT18KSF1G72PZ-1G6E1	8GB	11	C	Micron	MT41K1G4RH-125:E	4Gb	x4	1332	TI	V5.1
Micron	MT18KSF1G72PZ-1G6N1	8GB	11	C	Micron	MT41K1G4RG-107:N	4Gb	x4	1410	IDT	B1
Micron	MT18KSF1G72PZ-1G6N1	8GB	11	C	Micron	MT41K1G4RG-107:N	4Gb	x4	1410	TI	v5.1
Micron	MT18KSF1G72PZ-1G6N1	8GB	11	C	Micron	MT41K1G4RG-107:N	4Gb	x4	1410	Inphi	XV-GS02
Micron	MT36KSF1G72PZ-1G6K1	8GB	11	E	Micron	MT41K512M4DA-125:K	2Gb	x4	1328	Inphi	XV-GS02
Micron	MT36KSF1G72PZ-1G6K1	8GB	11	E	Micron	MT41K512M4DA-125:K	2Gb	x4	1328	Inphi	UV-GS02
Micron	MT36KSF1G72PZ-1G6K1	8GB	11	E	Micron	MT41K512M4DA-125:K	2Gb	x4	1328	IDT	A1
Micron	MT36KSF1G72PZ-1G6K1	8GB	11	E	Micron	MT41K512M4DA-125:K	2Gb	x4	1328	TI	V5.1
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1332	IDT	A1
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1332	Inphi	XV-GS02
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1332	TI	V5.1

## Intel Platform Memory Operations

RDIMM SR/DR DDR3L-1600 1.35V 1DIMM Per Channel / 1Slot Per Channel 4Channel											
DIMM					DRAM					Register	
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision
Micron	MT36KSF2G72PZ-1G6E1	16GB	11	E	Micron	MT41K1G4RH-125:E	4Gb	x4	1332	Inphi	UV-GS02
Micron	MT36KSF2G72PZ-1G6N1	16GB	11	E	Micron	MT41K1G4RG-107:N	4Gb	x4	1410	IDT	B1
Micron	MT36KSF2G72PZ-1G6N1	16GB	11	E	Micron	MT41K1G4RG-107:N	4Gb	x4	1410	TI	v5.1
Micron	MT36KSF2G72PZ-1G6N1	16GB	11	E	Micron	MT41K1G4RG-107:N	4Gb	x4	1410	Inphi	XV-GS02
Samsung	M393B5173QH0-YK0	4GB	11	A	Samsung	K4B4G0846Q-HYK0	4Gb	x8	1349	Inphi	UV-GS02
Samsung	M393B5273QB0-YK0	4GB	11	B	Samsung	K4B2G0846D-BYK0	2Gb	x8	1349	Inphi	UV-GS02
Samsung	M393B1G73QH0-YK0	8GB	11	B	Samsung	K4B4G0846Q-HYK0	4Gb	x8	1349	Inphi	UV-GS02
Samsung	M393B5270QB0-YK0	4GB	11	C	Samsung	K4B2G0446D-BYK0	2Gb	x4	1349	IDT	A1
Samsung	M393B1G70QH0-YK0	8GB	11	C	Samsung	K4B4G0446Q-HYK0	4Gb	x4	1328	IDT	A1
Samsung	M393B1G70DB0-YK0	8GB	11	C	Samsung	K4B4G0446D-BYK0	4Gb	x4	1349	Inphi	XV-GS02
Samsung	M393B1K70QB0-YK0	8GB	11	E	Samsung	K4B2G0446Q-BYK0	2Gb	x4	1328	IDT	A1
Samsung	M393B2G70QH0-YK0	16GB	11	E	Samsung	K4B4G0446Q-HYK0	4Gb	x4	1346	IDT	A1
Samsung	M393B2G70DB0-YK0	16GB	11	E	Samsung	K4B4G0446D-BYK0	4Gb	x4	1313	IDT	B1
SK hynix	HMT325R7EFR8A-PB	2GB	11	A	SK hynix	H5TC2G83EFR-PBA	2Gb	x8	1318	Inphi	UV-GS02
SK hynix	HMT325R7EFR8A-PB	2GB	11	A	SK hynix	H5TC2G83EFR-PBA	2Gb	x8	1318	IDT	A1
SK hynix	HMT451R7AFR8A-PB	4GB	11	A	SK hynix	H5TC4G83AFR-PBA	4Gb	x8	1318	IDT	A1
SK hynix	HMT451R7AFR8A-PB	4GB	11	A	SK hynix	H5TC4G83AFR-PBA	4Gb	x8	1318	Inphi	UV-GS02
SK Hynix	HMT451R7BFR8A-PB	4GB	11	A	SK Hynix	H5TC4G83BFR-PBA	4Gb	x8	1422	IDT	A1
SK Hynix	HMT451R7BFR8A-PB	4GB	11	A	SK Hynix	H5TC4G83BFR-PBA	4Gb	x8	1422	Inphi	XV-GS02
SK hynix	HMT351R7EFR8A-PB	4GB	11	B	SK hynix	H5TC2G83EFR-PBA	2Gb	x8	1318	IDT	A1
SK hynix	HMT351R7EFR8A-PB	4GB	11	B	SK hynix	H5TC2G83EFR-PBA	2Gb	x8	1318	Inphi	UV-GS02
SK hynix	HMT41GR7AFR8A-PB	8GB	11	B	SK hynix	H5TC4G83AFR-PBA	4Gb	x8	1318	IDT	A1
SK hynix	HMT41GR7AFR8A-PB	8GB	11	B	SK hynix	H5TC4G83AFR-PBA	4Gb	x8	1318	Inphi	UV-GS02
SK Hynix	HMT41GR7BFR8A-PB	8GB	11	B	SK Hynix	H5TC4G83BFR-PBA	4Gb	x8	1420	IDT	A1
SK Hynix	HMT41GR7BFR8A-PB	8GB	11	B	SK Hynix	H5TC4G83BFR-PBA	4Gb	x8	1420	Inphi	XV-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
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	HMT41GR7BFR4A-PBT8	8GB	11	C	SK Hynix	H5TC4G43BFR-PBA	4Gb	x4	1430	IDT	A1
SK Hynix	HMT41GR7BFR4A-PB	8GB	11	C	SK Hynix	H5TC4G43BFR-PBA	4Gb	x4	1412	IDT	A1

## Intel Platform Memory Operations

RDIMM SR/DR DDR3L-1600 1.35V 1DIMM Per Channel / 1Slot Per Channel 4Channel											
DIMM					DRAM					Register	
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision
SK Hynix	HMT41GR7BFR4A-PB	8GB	11	C	SK Hynix	H5TC4G43BFR-PBA	4Gb	x4	1414	Inphi	XV-GS02
SK hynix	HMT42GR7BFR4A-PBT8	16GB	11	E	SK hynix	H5TC4G43BFR-PBA	4Gb	x4	1430	IDT	A1
SK hynix	HMT31GR7EFR4A-PB	8GB	11	E	SK hynix	H5TC2G43EFR-PBA	2Gb	x4	1318	IDT	A1
SK hynix	HMT31GR7EFR4A-PB	8GB	11	E	SK hynix	H5TC2G43EFR-PBA	2Gb	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	HMT42GR7BFR4A-PB	16GB	11	E	SK Hynix	H5TC4G43BFR-PBA	4Gb	x4	1412	IDT	A1
SK Hynix	HMT42GR7BFR4A-PB	16GB	11	E	SK Hynix	H5TC4G43BFR-PBA	4Gb	x4	1421	Inphi	XV-GS02

RDIMM SR/DR DDR3-1600 1.5V 2DIMM Per Channel / 1Slot Per Channel 4Channel											
DIMM					DRAM					Register	
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision
Kingston	KVR16R11D4/16KF	16GB	11	E	Kingston	D1024ED1FPGGB	4Gb	x4	1346	Inphi	UV-GS02
Kingston	KVR16R11S4/8KF	8GB	11	C	Kingston	D1024ED1FPGGB	4Gb	x4	1346	Inphi	UV-GS02
Kingston	KVR16R11S8/4KF	4GB	11	A	Kingston	D5128ED1FPGGB	4Gb	x8	1343	Montage	H0
SK hynix	HMT325R7EFR8C-PB	2GB	11	A	SK hynix	H5TQ2G83EFR-PBC	2Gb	x8	1318	Inphi	UV-GS02
SK hynix	HMT351R7EFR4C-PB	4GB	11	C	SK hynix	H5TQ2G43EFR-PBC	2Gb	x4	1318	IDT	A1
SK hynix	HMT351R7EFR4C-PB	4GB	11	C	SK hynix	H5TQ2G43EFR-PBC	2Gb	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
Samsung	M393B5173QH0-CMA	4GB	11	A	Samsung	K4B4G0846D-BCMA	4Gb	x8	1349	IDT	A1
Samsung	M393B5173QH0-YK0	4GB	11	A	Samsung	K4B4G0846Q-HYK0	4Gb	x8	1349	Inphi	UV-GS02
Samsung	M393B5273QB0-CMA	4GB	11	B	Samsung	K4B2G0846D-BCMA	2Gb	x8	1349	IDT	A1
Samsung	M393B5273QB0-YK0	4GB	11	B	Samsung	K4B2G0846D-BYK0	2Gb	x8	1349	Inphi	UV-GS02
Samsung	M393B1G73QH0-YK0	8GB	11	B	Samsung	K4B4G0846Q-HYK0	4Gb	x8	1349	Inphi	UV-GS02
Samsung	M393B1G73QH0-CMA	8GB	11	B	Samsung	K4B4G0846Q-HCMA	4Gb	x8	1349	IDT	A1
Samsung	M393B5270QB0-YK0	4GB	11	C	Samsung	K4B2G0446D-BYK0	2Gb	x4	1349	IDT	A1
Samsung	M393B1G70QH0-CMA	8GB	11	C	Samsung	K4B4G0446Q-HCMA	4Gb	x4	1328	IDT	A1
Samsung	M393B5270QB0-CMA	4GB	13	C	Samsung	K4B2G0446Q-BCMA	2Gb	x4	1349	IDT	A1
Samsung	M393B1G70DB0-YK0	8GB	11	C	Samsung	K4B4G0446D-BYK0	4Gb	x4	1349	Inphi	XV-GS02



## Intel Platform Memory Operations

RDIMM SR/DR DDR3-1600 1.5V 2DIMM Per Channel / 1Slot Per Channel 4Channel												
DIMM					DRAM					Register		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	
Samsung	M393B1G70QH0-YK0	8GB	11	C	Samsung	K4B4G0446Q-HYK0	4Gb	x4	1328	IDT	A1	
Samsung	M393B1G70DB0-CMA	8GB	13	C	Samsung	K4B4G0446D-BCMA	4Gb	x4	1340	IDT	B1	
Samsung	M393B1K70QB0-YK0	8GB	11	E	Samsung	K4B2G0446Q-BYK0	2Gb	x4	1328	IDT	A1	
Samsung	M393B1K70QB0-CMA	8GB	11	E	Samsung	K4B2G0446Q-BCMA	2Gb	x4	1328	Inphi	UV-GS02	
Samsung	M393B2G70QH0-CMA	16GB	13	E	Samsung	K4B4G0446Q-HCMA	4Gb	x4	1349	IDT	A1	
Samsung	M393B2G70DB0-YK0	16GB	11	E	Samsung	K4B4G0446D-BYK0	4Gb	x4	1313	IDT	B1	
Samsung	M393B2G70QH0-YK0	16GB	11	E	Samsung	K4B4G0446Q-HYK0	4Gb	x4	1346	IDT	A1	
Samsung	M393B2G70DB0-CMA	16GB	11	E	Samsung	K4B4G0446D-BCMA	4Gb	x4	1313	Inphi	XV-GS02	
Samsung	M393B2G70EB0-CMA	16GB	13	E	Samsung	K4B4G0446E-BCMA	4Gb	x4	1434	IDT	B1	

RDIMM DDR3-1066 Quad Rank 1.5V 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	
Micron	MT72KSZS4G72PZ-1G4E2	32GB	7	AB	Micron	MT41K2G4TRF-125:E	4Gb	x4	1250	Inphi	XV-GS02	
Micron	MT72KSZS4G72PZ-1G4E2	32GB	7	AB	Micron	MT41K2G4TRF-125:E	4Gb	x4	1250	IDT	A1	
Samsung	M393B4G70DM0-YH9	32GB	9	AB	Samsung	K4B8G0446D-MYH9	4Gb	x4	1343	IDT	B1	
Samsung	M393B1K73QB0-YF8	8GB	7	H	Samsung	K4B2G0846Q-BYF8	2Gb	x8	1349	IDT	A1	

RDIMM DDR3L-800 Quad Rank 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	
Micron	MT72KSZS4G72PZ-1G4E2	32GB	7	AB	Micron	MT41K2G4TRF-125:E	4Gb	x4	1250	Inphi	XV-GS02	
Micron	MT72KSZS4G72PZ-1G4E2	32GB	7	AB	Micron	MT41K2G4TRF-125:E	4Gb	x4	1250	IDT	A1	
Samsung	M393B4G70DM0-YH9	32GB	9	AB	Samsung	K4B8G0446D-MYH9	4Gb	x4	1343	IDT	B1	
Samsung	M393B1K73QB0-YF8	8GB	7	H	Samsung	K4B2G0846Q-BYF8	2Gb	x8	1349	IDT	A1	

Updated on Jan 16, 2015

### 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](mailto:rduda@validationlabs.com)

