

Disclaimer

INTEL DISCLAIMS ALL LIABILITY FOR THESE DEVICES, INCLUDING LIABILITY FOR INFRINGEMENT OF ANY PROPRIETARY RIGHTS RELATING TO THESE DEVICES OR THE IMPLEMENTATION OF INFORMATION IN THIS DOCUMENT. INTEL DOES NOT WARRANT OR REPRESENT THAT SUCH DEVICES OR IMPLEMENTATION WILL NOT INFRINGE SUCH RIGHTS. INTEL IS NOT OBLIGATED TO PROVIDE ANY SUPPORT, INSTALLATION, OR OTHER ASSISTANCE WITH REGARD TO THESE DEVICES.

THE INTEL PRODUCT REFERRED TO IN THIS DOCUMENT IS INTENDED FOR STANDARD COMMERCIAL USE ONLY. CUSTOMERS ARE SOLELY RESPONSIBLE FOR ASSESSING THE SUITABILITY OF THE PRODUCT AND/OR DEVICES FOR USE IN PARTICULAR APPLICATIONS. THE REFERENCED INTEL PRODUCT IS NOT INTENDED FOR USE IN CRITICAL CONTROL OR SAFETY SYSTEMS OR IN NUCLEAR FACILITY APPLICATIONS.

Information in this document is provided in connection with Intel products. No license, express or implied, by estoppel or otherwise, to any intellectual property rights is granted by this document or by the sale of Intel products. Except as provided in Intel's Terms and Conditions of Sale for such products, Intel assumes no liability whatsoever, and Intel disclaims any express or implied warranty, relating to sale and/or use of Intel products including liability or warranties relating to fitness for a particular purpose, merchantability, or infringement of any patent, copyright or other intellectual property right. Intel products are not intended for use in medical, lifesaving, or life sustaining applications. Intel retains the right to make changes to its test specifications and memory list at any time, without notice.

The hardware vendor remains solely responsible for the design, sale and functionality of its product, including any liability arising from product infringement or product warranty. Only approved software drivers and accessories that are recommended for the revision number of the boards and system being operated should be used with Intel products. Please note that, as a result of warranty repairs or replacements, alternate software and firmware versions may require for proper operation of the equipment.

Copyright © Intel Corporation 2013.

* Other brands and names are the property of their respective owners.

Intel Platform Memory Operations

LRDIMM System-Level Validation Results on Intel® Xeon® E5-2600 Processor

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

Updated / New Part

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

LRDIMM DDR3L-1066 Quad Rank 3DIMM Per Channel /3Slot Per Channel /4Channel												
DIMM					DRAM					Buffer		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
Crucial	CT102472BL1339Q.36FMA5D	8GB	9	B	Micron	MT41K256M8DA-125:M	2Gb	x8	1129	Inphi	GS02A	
Crucial	CT204872BL1339Q.36DMA5D	16GB	9	C	Micron	MT41K1G4THV-125:M	2Gb	x4	1130	Inphi	GS02A	1
Crucial	CT16G3ELSLQ41339.36DMD	16GB	9	C	Micron	MT41K1G4THV-125:M	2Gb	x4	1130	Inphi	GS02A	1
SK hynix	HMT42GL7BMR4A-H9	16GB	9	C	SK hynix	H5TC4G43BMR-H9A	2Gb	x4	1140	Inphi	GS02A	1
SK hynix	HMT42GL7CMR4A-H9	16GB	9	C	SK hynix	H5TC4G43CMR-H9A	2Gb	x4	1205	Inphi	GS02A	1
SK hynix	HMT42GL7CMR4A-H9MBAC	16GB	9	C	SK hynix	H5TC4G43CMR-H9A	2Gb	x4	1207	Montage	C0	1
SK-hynix	HMT84GL7MMR4A-H9	32GB	9	C	SK-hynix	H5TC8G43MMR-H9A	4Gb	x4	1209	Inphi	GS02A	1
SK hynix	HMT84GL7MMR4A-H9MBAC	32GB	9	C	SK hynix	H5TC8G43MMR-H9A	4Gb	x4	1207	Montage	C0	1
Micron	MT72KSZS2G72LZ-1G4M1A5	16GB	9	C	Micron	MT41K1G4THV-125:M	2Gb	x4	1130	Inphi	GS02A	1
Micron	MT36KSZF2G72LDZ-1G4E1A5	16GB	9	B	Micron	MT41K512M8RH-125:E	4Gb	x8	1216	Inphi	GS02A	
Micron	MT72KSZS4G72LZ-1G4E2A7	32GB	9	C	Micron	MT41K2G4TRF-125:E	4Gb	x4	1216	Inphi	GS02B	1
Micron	MT72KSZS4G72LZ-1G4E2B3	32GB	9	C	Micron	MT41K2G4TRF-125:E	4Gb	x4	1216	IDT	D0	1
Samsung	M386B2K70DM0-YH90	16GB	9	C	Samsung	K4B4G0446D-MYH9	2Gb	x4	1124	Inphi	GS02A	1
Samsung	M386B4G70BM0-YH90	32GB	9	C	Samsung	K4B8G0446B-MYH9	4Gb	x4	1122	Inphi	GS02A	1
Samsung	M386B4G70BM0-YH92	32GB	9	C	Samsung	K4B8G0446B-MYH9	4Gb	x4	1206	Montage	C0	1

1 - DDP (Dual-Die Package)

Intel Platform Memory Operations

LRDIMM DDR3-1066 Quad Rank 3DIMM Per Channel /3Slot Per Channel /4Channel												
DIMM					DRAM					Buffer		
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Vendor	Revision	Note
Crucial	CT102472BL1339Q.36FMA5D	8GB	9	B	Micron	MT41K256M8DA-125:M	2Gb	x8	1129	Inphi	GS02A	
Crucial	CT204872BL1339Q.36DMA5D	16GB	9	C	Micron	MT41K1G4THV-125:M	2Gb	x4	1130	Inphi	GS02A	1
Crucial	CT16G3ELSLQ41339.36DMD	16GB	9	C	Micron	MT41K1G4THV-125:M	2Gb	x4	1130	Inphi	GS02A	1
SK hynix	HMT42GL7BMR4A-H9	16GB	9	C	SK hynix	H5TC4G43BMR-H9A	2Gb	x4	1140	Inphi	GS02A	1
SK hynix	HMT42GL7CMR4A-H9	16GB	9	C	SK hynix	H5TC4G43CMR-H9A	2Gb	x4	1205	Inphi	GS02A	1
SK hynix	HMT42GL7CMR4A-H9MBAC	16GB	9	C	SK hynix	H5TC4G43CMR-H9A	2Gb	x4	1207	Montage	C0	1
SK hynix	HMT84GL7MMR4A-H9MBAC	32GB	9	C	SK hynix	H5TC8G43MMR-H9A	4Gb	x4	1207	Montage	C0	1
Elpida	EBJ34LH4B3RA-DJ-F	32GB	9	K	Elpida	EDJ8404B3MA-DJ-F	4Gb	x4	1105	Inphi	GS02A	1
Micron	MT36KSZF1G72LDZ-1G4M1A5	8GB	9	B	Micron	MT41K256M8DA-125:M	2Gb	x8	1129	Inphi	GS02A	
Micron	MT72KSZS2G72LZ-1G4M1A5	16GB	9	C	Micron	MT41K1G4THV-125:M	2Gb	x4	1130	Inphi	GS02A	1
Micron	MT36KSZF2G72LDZ-1G4D1A5	16GB	9	B	Micron	MT41K512M8RA-15E:D	4Gb	x8	1233	Inphi	GS02A	
Micron	MT72KSZS4G72LZ-1G4D1A5	32GB	9	C	Micron	MT41K2G4THE-15E:D	4Gb	x4	1233	Inphi	GS02A	1
Micron	MT72KSZS4G72LZ-1G4D1C1	32GB	9	C	Micron	MT41K2G4THE-15E:D	4Gb	x4	1233	Montage	C0	1
Samsung	M386B2K70DM0-YH90	16GB	9	C	Samsung	K4B4G0446D-MYH9	2Gb	x4	1124	Inphi	GS02A	1
Samsung	M386B4G70BM0-YH90	32GB	9	C	Samsung	K4B8G0446B-MYH9	4Gb	x4	1122	Inphi	GS02A	1
Samsung	M386B4G70BM0-YH92	32GB	9	C	Samsung	K4B8G0446B-MYH9	4Gb	x4	1206	Montage	C0	1

1 - DDP (Dual-Die Package)

Intel Platform Memory Operations

LRDIMM DDR3-1333 Quad Rank 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
Elpida	EBJ34LH4B3RA-DJ-F	32GB	9	K	Elpida	EDJ8404B3MA-DJ-F	4Gb	x4	1105	Inphi	GS02A	1
SK hynix	HMT42GL7CMR4A-H9	16GB	9	C	SK-hynix	H5TC4G43CMR-H9A	2Gb	x4	1205	Inphi	GS02A	1
SK hynix	HMT42GL7CMR4A-H9MBAC	16GB	9	C	SK hynix	H5TC4G43CMR-H9A	2Gb	x4	1207	Montage	C0	1
SK hynix	HMT84GL7MMR4A-H9MBAC	32GB	9	C	SK hynix	H5TC8G43MMR-H9A	4Gb	x4	1207	Montage	C0	1
SK hynix	HMT84GL7MMR4A-H9	32GB	9	C	SK-hynix	H5TC8G43MMR-H9A	4Gb	x4	1209	Inphi	GS02A	1
Samsung	M386B2K70DM0-YH90	16GB	9	C	Samsung	K4B4G0446D-MYH9	2Gb	x4	1124	Inphi	GS02A	1
Samsung	M386B4G70BM0-YH90	32GB	9	C	Samsung	K4B8G0446B-MYH9	4Gb	x4	1122	Inphi	GS02A	1
Samsung	M386B2K70DM0-YH92	16GB	9	C	Samsung	K4B4G0446D-MYH9	2Gb	x4	1213	Montage	C0	1
Samsung	M386B4G70BM0-YH92	32GB	9	C	Samsung	K4B8G0446B-MYH9	4Gb	x4	1206	Montage	C0	1

1 - DDP (Dual-Die Package)

Updated on November 26, 2013

Approved Test Labs:

The following test labs have the capability of performing the DDR3 LRDIMM 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

