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DDR4 UDIMM System-Level Validation Results on New High End Intel® Core™ i7-59xx/58xx Series Processor Family

Listed below are the results from a small sample of DDR4 UDIMM tested on new High End Intel® Core™ i7 -59xx/5800 Series 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.

This configuration validated only for the same supplier and same part number across memory channels | Updated / New Part

UDIMM SR/DR DDR4-2133 1.2V 1DIMM per channel; 1 slot per channel; 4 channels

DIMM					DRAM					
Supplier	Part Number	Size	CL	Raw Card	Supplier	Part Number	Density Die	Width	Date Code	Note
Micron	MTA8ATF51264AZ-2G1A1	4GB	15	A	Micron	MT40A512M8HX-093E:A	4Gb	X8	1408	
Micron	MTA16ATF1G64AZ-2G1A1	8GB	15	B	Micron	MT40A512M8HX-093E:A	4Gb	X8	1408	
Crucial	CT4G4DFS8213.8FA1	4GB	15	A	Micron	MT40A512M8HX-093E:A	4Gb	X8	1408	
Crucial	CT8G4DFD8213.16FA1	8GB	15	B	Micron	MT40A512M8HX-093E:A	4Gb	X8	1408	
Samsung	M378A5143DB0-CPB	4GB	15	A	Samsung	K4A4G085WD-BCPB	4Gb	X8	1407	
Samsung	M378A1G43DB0-CPB	8GB	15	B	Samsung	K4A4G085WD-BCPB	4Gb	X8	1407	
SK hynix	HMA451U6MFR8N-TF	4GB	15	A	SK hynix	H5AN4G8NMFR-TFC	4Gb	x8	1406	
SK hynix	HMA41GU6MFR8N-TF	8GB	15	B	SK hynix	H5AN4G8NMFR-TFC	4Gb	x8	1406	
Kingston	KVR21N15/4	4GB	15	A	SK hynix	H5AN4G8NMFR-TFC	4Gb	x8	1412	
Kingston	KVR21N15/8	8GB	15	B	SK hynix	H5AN4G8NMFR-TFC	4Gb	x8	1412	

Updated on Sep 8th, 2014

Approved Test Labs:
The following test labs have the capability of performing the DDR4 UDIMM 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

(intel)