

Intel Platform Memory Operations

Intel® Xeon® processor E3-1200 v5 product family DDR4-2133 ECC UDIMM Validation Results

Listed below are the results from a small sample of DDR4 2133 ECC UDIMM modules tested on Intel reference workstation / UP server platforms based on Intel® Xeon® E3-1200 v5 processor family (formerly Skylake). These DIMMs have been tested at 2DIMM/channel, 2 channels loading configuration at 1.2V. This information provided as a guide to module performance with Intel reference platforms and not intended to replace the normal OEM component qualification process. For results on specific OEM production motherboards, please refer to the respective OEM's list of qualified memory suppliers' parts.

DDR4-2133 (15-15-15) 1.2V, ECC UDIMM, 2DIMM/ch, 2 channels

DIMM supplier	DIMM Part #	DIMM Size	DRAM Tech	DIMM Speed	# of Ranks	Raw Card	DRAM supplier	DRAM Part#	DRAM Density	DRAM Width	Date Code	Die Rev
Crucial	CT16G4WFD8213.18FA1	16GB	DDR4	2133	2	E	Micron	MT40A1G8PM-083E:A	8Gb	x8	1618	A
Crucial	CT8G4WFS8213.9FB1	8GB	DDR4	2133	1	D	Micron	MT40A1G8WE-075E:B	8Gb	x8	1625	B
Crucial	CT16G4WFD8213.18FB1	16GB	DDR4	2133	2	E	Micron	MT40A1G8WE-075E:B	8Gb	x8	1625	B
Crucial	CT4G4WFS8213.9FB1	4GB	DDR4	2133	1	D	Micron	MT40A512M8RH-075E:B	4Gb	x8	1620	B
Crucial	CT8G4WFD8213.18FB1	8GB	DDR4	2133	2	E	Micron	MT40A512M8RH-075E:B	4Gb	x8	1620	B
Kingston	KVR21E15D8/8	8GB	DDR4	2133	2	E	SK Hynix	H5AN4G8NAFR-TFC	4Gb	x8	1546	A
Kingston	KVR21E15D8/16	16GB	DDR4	2133	2	E	SK Hynix	H5AN8G8NMFR-TFC	8Gb	x8	1546	M
Kingston	KVR21E15S8/8	8GB	DDR4	2133	1	D	Micron	MT40A1G8PM-083E:A	8Gb	x8	1618	A
Kingston	KVR21E15S8/4	4GB	DDR4	2133	1	D	Micron	MT40A512M8RH-083E:B	4Gb	x8	1603	B
Kingston	KVR21E15D8/8	8GB	DDR4	2133	2	E	Micron	MT40A512M8RH-083E:B	4Gb	x8	1603	B
Kingston	KVR21E15D8/16	16GB	DDR4	2133	2	E	Micron	MT40A1G8PM-083E:A	8Gb	x8	1618	A

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Micron	MTA18ASF2G72AZ-2G1A1	16GB	DDR4	2133	2	E	Micron	MT40A1G8PM-083E:A	8Gb	x8	1618	A
Micron	MTA9ASF1G72AZ-2G1B1	8GB	DDR4	2133	1	D	Micron	MT40A1G8WE-075E:B	8Gb	x8	1625	B
Micron	MTA18ASF2G72AZ-2G1B1	16GB	DDR4	2133	2	E	Micron	MT40A1G8WE-075E:B	8Gb	x8	1625	B
Micron	MTA9ASF51272AZ-2G1B1	4GB	DDR4	2133	1	D	Micron	MT40A512M8RH-075E:B	4Gb	x8	1620	B
Micron	MTA18ASF1G72AZ-2G1B1	8GB	DDR4	2133	2	E	Micron	MT40A512M8RH-075E:B	4Gb	x8	1620	B
Samsung	M391A1G43DB0-CPB	8GB	DDR4	2133	2	E	Samsung	K4A4G085WD-BCPB	4Gb	x8	1449	D
Samsung	M391A2K43BB1-CPB	16GB	DDR4	2133	2	E	Samsung	K4A8G085WB-BCPB	8Gb	x8	1449	B
Samsung	M391A1G43EB1-CPB	8GB	DDR4	2133	2	E	Samsung	K4A4G045WE-BCPB	4Gb	x8	1610	E
SK Hynix	HMA451U7AFR8N-TFT0	4GB	DDR4	2133	1	D	SK Hynix	H5AN4G8NAFR-TFC	4Gb	x8	1546	A
SK Hynix	HMA81GU7MFR8N-TFT0	8GB	DDR4	2133	1	D	SK Hynix	H5AN8G8NMFR-TFC	8Gb	x8	1546	M
SK Hynix	HMA41GU7AFR8N-TFT0	8GB	DDR4	2133	2	E	SK Hynix	H5AN4G8NAFR-TFC	4Gb	x8	1546	A

Created on October 10, 2016

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Approved Validation Labs for system-level DIMM validation

Advanced Validation Labs

Attn: Rhonda Duda, Program Manager

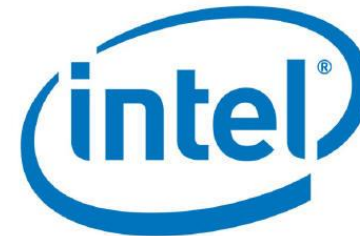
17665B Newhope Street

Fountain Valley, CA 92708

USA

Phone: 714-438-2787,

rduda@validationlabs.com



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