

Intel Platform Memory Operations

DDR4 2400 ECC UDIMM Validation Results

Listed below are the results from a small sample of DDR4 2400 ECC UDIMM modules tested on Intel reference platforms, UP server and Workstation, based on Intel® Xeon® E3-1200 v6 series processor (codename Kaby Lake), and in accordance to Intel platform memory POR (Plan of Record)

We are providing this information as a guide to memory capability with Intel reference platforms. This testing is not intended to replace the normal customer component qualification process

For results on specific customer production motherboards, please refer to the customer's list of qualified memory suppliers

DDR4-2400 (17-17-17) ECC UDIMM

Updated / Aug 10th 2017

2DIMM/channel, 2 channels, 1.2V Vdd

DIMM supplier	DIMM part #	DIMM size	DIMM speedbin	R/C	DRAM supplier	DRAM part #	DRAM org	DRAM DateCode	DRAM die rev
Crucial	CT4G4WFS824A.9FB1	4GB	2400	D1	Micron	MT40A512M8RH-075E:B	4Gb x8	1620	B
Crucial	CT8G4WFS824A.9FB1	8GB	2400	D1	Micron	MT40A1G8WE-083E:B	8Gb x8	1634	B
Crucial	CT16G4WFD824A.18FB1	16GB	2400	E1	Micron	MT40A1G8WE-083E:B	8Gb x8	1634	B
Kingston	KVR24E17S8/8	8GB	2400	D2	SK hynix	H5AN8G8NAFR-UHC	8Gb x8	1636	A
Kingston	KVR24E17S8/8	8GB	2400	D2	Micron	MT40A1G8PM-083E:A	8Gb x8	1624	A
Kingston	KVR24E17D8/8	8GB	2400	E1	SK hynix	H5AN4G8NAFR-UHC	4Gb x8	1615	A
Kingston	KVR24E17D8/16	16GB	2400	E1	Micron	MT40A1G8PM-083E:A	8Gb x8	1624	A
Kingston	KVR24E17D8/16	16GB	2400	E1	SK hynix	H5AN8G8NAFR-UHC	8Gb x8	1643	A
Kingston	KSM24ED8/8HB	8GB	2400	E1	SK hynix	H5AN4G8NBJR-UHC	4Gb x8	1712	B
Kingston	KSM24ES8/4MB	4GB	2400	D2	Micron	MT40A512M8RH-083E:B	4Gb x8	1628	B
Kingston	KSM24ED8/8MB	8GB	2400	E1	Micron	MT40A512M8RH-083E:B	4Gb x8	1628	B
Kingston	KSM24ES8/4HB	4GB	2400	D2	SK hynix	H5AN4G8NBJR-UHC	4Gb x8	1719	B
Micron	MTA9ASF51272AZ-2G3B1	4GB	2400	D1	Micron	MT40A512M8RH-075E:B	4Gb x8	1620	B
Micron	MTA18ASF1G72AZ-2G3B1	8GB	2400	E1	Micron	MT40A512M8RH-075E:B	4Gb x8	1647	B
Micron	MTA9ASF1G72AZ-2G3B1	8GB	2400	D1	Micron	MT40A1G8WE-083E:B	8Gb x8	1634	B
Micron	MTA18ASF2G72AZ-2G3B1	16GB	2400	E1	Micron	MT40A1G8WE-083E:B	8Gb x8	1634	B
Ramaxel	RMUA5131MB78HBF-2400	16GB	2400	E1	Micron	MT40A1G8WE-083E:B	8Gb x8	1634	B

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2DIMM/channel, 2 channels, 1.2V Vdd

DIMM supplier	DIMM part #	DIMM size	DIMM speedbin	R/C	DRAM supplier	DRAM part #	DRAM org	DRAM DateCode	DRAM die rev
Samsung	M391A5143EB1-CRC	4GB	2400	D1	Samsung	K4A4G085WE-BCRC	4Gb x8	1622	E
Samsung	M391A1K43BB1-CRC	8GB	2400	D1	Samsung	K4A8G085WB-BCRC	8Gb x8	1631	B
Samsung	M391A1G43EB1-CRC	8GB	2400	E1	Samsung	K4A4G085WE-BCRC	4Gb x8	1622	E
Samsung	M391A2K43BB1-CRC	16GB	2400	E1	Samsung	K4A8G085WB-BCRC	8Gb x8	1631	B
SK hynix	HMA81GU7AFR8N-UHT0	8GB	2400	D2	SK hynix	H5AN8G8NAFR-UHC	8Gb x8	1643	A
SK hynix	HMA82GU7AFR8N-UHT0 * **	16GB	2400	E1	SK hynix	H5AN8G8NAFR-UHC	8Gb x8	1643	A
SK hynix	HMA82GU7CJR8N-UHT0	16GB	2400	E1	SK hynix	H5AN8G8NCJR-UHC	8Gb x8	1742	C
SK hynix	HMA81GU7CJR8N-UHT0	8GB	2400	D2	SK hynix	H5AN8G8NCJR-UHC	8Gb x8	1742	C

Notes:

* Requires MRC 2.5.1 or newer

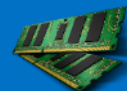
** tQSL_MIN parameter is marginal

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