

Intel Platform Memory Operations

DDR4-2400 nonECC UDIMM Validation Results

Listed below are the results from a small sample of DDR4 2400 nonECC UDIMM modules tested on Intel reference high end desktop platforms, based on Intel® Core™ i7-69xx/68xx processor family (formerly Broadwell-E). These DIMMs have been tested at 1DIMM/channel across 4 channels loading configuration at supply voltage 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.

DDR4-2400 (17-17-17) 1.2V, nonECC UDIMM, 1DIMM/ch, 4 channels

DIMM Vendor	DIMM Part Number	DIMM Size	DIMM Speed	Raw Card	DRAM Vendor	DRAM Part Number	DRAM Density	DRAM Date Code	DRAM Width	DRAM Die
Kingston	KVR24N17D8/16	16GB	2400	B	Micron	MT40A1G8PM-083E:A	8Gb	1618	x8	A
Kingston	KVR24N17S8/8	8GB	2400	A	Micron	MT40A1G8PM-083E:A	8Gb	1618	x8	A
Micron	MTA8ATF1G64AZ-2G3A1	8GB	2400	A	Micron	MT40A1G8PM-083E:A	8Gb	1618	x8	A
Micron	MTA16ATF2G64AZ-2G3A1	16GB	2400	B	Micron	MT40A1G8PM-083E:A	8Gb	1618	x8	A
Micron	MTA16ATF2G64AZ-2G3B1	16GB	2400	B	Micron	MT40A1G8WE-083E:B	8Gb	1606	x8	B
Micron	MTA8ATF1G64AZ-2G3B1	8GB	2400	A	Micron	MT40A1G8WE-083E:B	8Gb	1606	x8	B
Samsung	M378A1G43DB1-CRC	8GB	2400	B	Samsung	K4A4G085WD-BCRC	4Gb	1504	x8	D
Samsung	M378A2K43BB1-CRC	16GB	2400	B	Samsung	K4A8G085WB-BCRC	8Gb	1522	x8	B
Samsung	M378A5143DB1-CRC	4GB	2400	A	Samsung	K4A4G085WD-BCRC	4Gb	1504	x8	D
Samsung	M378A1K43BB1-CRC	8GB	2400	B	Samsung	K4A8G085WB-BCRC	8Gb	1522	x8	B
Samsung	M378A5143EB1-CRC	4GB	2400	A	Samsung	K4A4G085WE-BCRC	4Gb	1610	x8	E
Samsung	M378A1G43EB1-CRC	8GB	2400	B	Samsung	K4A4G085WE-BCRC	4Gb	1610	x8	E

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Created on June 7, 2016

Approved Validation Labs for system-level DIMM validation

Advanced Validation Labs

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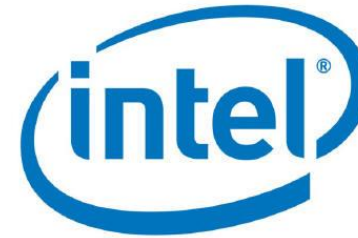
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