

Intel Platform Memory Operations

Intel® microserver system (formally Edisonville) based on Intel® Atom™ C2000 product family DDR3L 1600@1.35V ECC SoDIMM Validation Results

Listed below are the results from a small sample of DDR3L 1600 ECC SoDIMM modules tested on Intel® reference microserver platforms based on Intel® Atom™ Processor C2000 series (formally Avoton). These DIMMs have been tested at 2DIMM/channel, 2 channels loading configuration at 1.35V. This information provided as a guide to module performance with Intel® reference platforms. This testing is not intended to replace the normal OEM component qualification process. For results on specific Intel® motherboards or OEM production motherboards, please refer to the OEM's list of qualified memory suppliers.

DDR3L-1600 (11-11-11) 1.35V, ECC SoDIMM, 2DIMM/ch, 2 channels

DIMM Supplier	DIMM Part #	DIMM Size	DIMM Tech	DIMM Speed	DIMM R/C	DRAM Supplier	DRAM Part #	DRAM Density	DRAM Width	Date Code	Die Rev
Elpida	EBJ40EG8EFUA-GN-F	4GB	DDR3L	1600	C	Elpida	EDJ4208EFBG-GN-F	4Gb	x8	1316	F
Elpida	EBJ81EG8EFUA-GN-F	8GB	DDR3L	1600	D	Elpida	EDJ4208EFBG-GN-F	4Gb	x8	1310	F
Kingston	KVR16LSE11/4	4GB	DDR3L	1600	C	SK hynix	H5TC4G83AFR-PBA	4Gb	x8	1318	A
Kingston	KVR16LSE11/8	8GB	DDR3L	1600	D	SK hynix	H5TC4G83AFR-PBA	4Gb	x8	1318	A
Kingston	KVR16LSE11/4KF	4GB	DDR3L	1600	C	Kingston	D5128ED1FPGGB	4Gb	x8	1347	F
Kingston	KVR16LSE11/8KF	8GB	DDR3L	1600	D	Kingston	D5128ED1FPGGB	4Gb	x8	1347	F
Micron	MT18KSF51272HZ-1G6K2	4GB	DDR3L	1600	D	Micron	MT41K256M8DA-125:K	2Gb	x8	1316	K
Micron	MT9KSF51272HZ-1G6E1	4GB	DDR3L	1600	D	Micron	MT41K512M8RH-125:E	4Gb	X8	1349	E
Micron	MT18KSF1G72HZ-1G6E2	8GB	DDR3L	1600	D	Micron	MT41K512M8RH-125:E	4Gb	X8	1335	E
Micron	MT18KSF2G72HZ-1G6A1	16GB	DDR3L	1600	D	Micron	MT41K1G8SN-125:A	8Gb	X8	1518	A

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Samsung	M474B1G73QH0-YK0	8GB	DDR3L	1600	D	Samsung	K4B4G0846Q-HYK0	4Gb	x8	1325	Q
Samsung	M474B5173QH0-YK0	4GB	DDR3L	1600	C	Samsung	K4B4G0846Q-HYK0	4Gb	x8	1325	Q
SK hynix	HMT325A7EFR8A-PB	2GB	DDR3L	1600	C	SK hynix	H5TC2G83EFR-PBA	2Gb	x8	1321	E
SK hynix	HMT351A7EFR8A-PB	4GB	DDR3L	1600	D	SK hynix	H5TC2G83EFR-PBA	2Gb	x8	1321	E
SK hynix	HMT41GA7AFR8A-PB	8GB	DDR3L	1600	D	SK hynix	H5TC4G83AFR-PBA	4Gb	x8	1318	A
SK hynix	HMT451A7AFR8A-PB	4GB	DDR3L	1600	C	SK hynix	H5TC4G83AFR-PBA	4Gb	x8	1318	A
Smart	SG1027SV351816HA	8GB	DDR3L	1600	D	SK hynix	H5TC4G83AFR-PBA	4Gb	x8	1320	A

Created on April 28, 2015

Approved Validation Labs for system-level DIMM validation

Advanced Validation Labs

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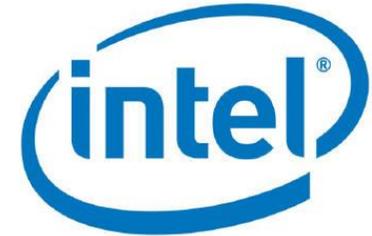
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