

Intel MIO

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DDR4 3200 Non-ECC SoDIMM Validation Results

Listed below are validation results from a small sample of DDR4 3200 Non-ECC SoDIMM tested on Intel client reference platforms. We are providing this information as a guide to memory compatibility with Intel reference platforms and in accordance to Intel platform memory POR (Plan of Record). This testing is not intended to replace the normal OEM component qualification process. For test results on specific Intel motherboards refer to Intel Client Customer Enabling support. For test results on OEM production motherboards, please refer to the OEM's list of qualified memory suppliers.

DDR4 3200 Non-ECC SoDIMM, 1DIMM/ch, 2 channels, tested at 1.2V Vdd

DIMM Supplier	DIMM Part Number	DIMM Size	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Die Revision
Crucial	CT32G4SFD832A.16FB2	32GB	E1	Micron	MT40A2G8VA-062E:B	16Gb	x8	1916	B
Crucial	CT32G4SFD832A.16FE1	32GB	E1	Micron	MT40A2G8JC-062E:E	16Gb	x8	1936	E
Crucial	CT16G4SFD832A.16FE1	16GB	E1	Micron	MT40A1G8SA-062E:E	8Gb	x8	1801	E
Crucial	CT16G4SFD832A.16FJ1	16GB	E1	Micron	MT40A1G8SA-062E:J	8Gb	x8	1828	J
Crucial	CT16G4SFS832A.8FE1	16GB	A2	Micron	MT40A2G8JC-062E:E	16Gb	x8	1936	E
Crucial	CT8G4SFS832A.8FE1	8GB	A2	Micron	MT40A1G8SA-062E:E	8Gb	x8	1801	E
Crucial	CT8G4SFS832A.8FJ1	8GB	A2	Micron	MT40A1G8SA-062E:J	8Gb	x8	1828	J

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Crucial	CT8G4SFS632A.4FE1	8GB	C0	Micron	MT40A1G16KD-062E:E	16Gb	x16	1940	E
Crucial	MTA4ATF51264HZ-3G2E1	4GB	C0	Micron	MT40A512M16LY-062E:E	8Gb	x16	1801	E
Crucial	MTA4ATF51264HZ-3G2J1	4GB	C0	Micron	MT40A512M16TB-062E:J	8Gb	x16	1830	J
Kingston	KVR32S22D8/32	32GB	E1	Micron	MT40A2G8VA-062E:B	16Gb	x8	1918	B
Kingston	KVR32S22D8/32	32GB	E1	SK hynix	H5ANAG8NAJR-XNC	16Gb	x8	1942	A
Kingston	KVR32S22S8/16	16GB	A2	Micron	MT40A2G8VA-062E:B	16Gb	x8	1934	B
Kingston	KVR32S22D8/16	16GB	E1	Micron	MT40A1G8SA-062E:E	8Gb	X8	1906	E
Kingston	KVR32S22D8/16	16GB	E1	Micron	MT40A1G8SA-062E:J	8Gb	X8	1902	J
Kingston	KVR32S22D8/16	16GB	E1	SK hynix	H5AN8G8NDJR-XNC	8Gb	x8	1930	D
Kingston	KVR32S22S8/16	16GB	A2	SK hynix	H5ANAG8NAJR-XNC	16Gb	x8	1942	A
Kingston	KVR32S22S8/16	16GB	A2	Micron	MT40A2G8JC-062E:E	16Gb	x8	2004	E
Kingston	KVR32S22S8/8	8GB	A2	Micron	MT40A1G8SA-062E:E	8Gb	x8	1906	E
Kingston	KVR32S22S8/8	8GB	A2	Micron	MT40A1G8SA-062E:J	8Gb	x8	1902	J
Kingston	KVR32S22S8/8	8GB	A2	SK hynix	H5AN8G8NDJR-XNC	8Gb	x8	1930	D
Kingston	KVR32S22S6/8	8GB	C0	Micron	MT40A1G16KD-062E:E	16Gb	x16	2004	E
Kingston	KVR32S22S6/4	4GB	C0	Micron	MT40A512M16LY-062E:E	8Gb	x16	1904	E

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Kingston	KVR32S22S6/4	4GB	C0	Micron	MT40A512M16TB-062E:J	8Gb	x16	1902	J
Kingston	KVR32S22S6/4	4GB	C0	SK hynix	H5AN8G6NCJR-XNC	8Gb	x16	2003	C
Kingston	KVR32S22S6/4	4GB	C0	SK hynix	H5AN8G6NDJR-XNC	8Gb	x16	1930	D
Micron	MTA16ATF4G64HZ-3G2B2	32GB	E1	Micron	MT40A2G8VA-062E:B	16Gb	x8	1916	B
Micron	MTA16ATF4G64HZ-3G2E1	32GB	E1	Micron	MT40A2G8JC-062E:E	16Gb	x8	1936	E
Micron	MTA16ATF4G64HZ-3G2E2	32GB	E1	Micron	MT40A2G8JC-062E:E	16Gb	x8	2026	E
Micron	MTA16ATF2G64HZ-3G2E1	16GB	E1	Micron	MT40A1G8SA-062E:E	8Gb	x8	1801	E
Micron	MTA16ATF2G64HZ-3G2J1	16GB	E1	Micron	MT40A1G8SA-062E:J	8Gb	x8	1828	J
Micron	MTA8ATF2G64HZ-3G2E1	16GB	A2	Micron	MT40A2G8JC-062E:E	16Gb	x8	1936	E
Micron	MTA8ATF2G64HZ-3G2E2	16GB	A2	Micron	MT40A2G8JC-062E:E	16Gb	x8	2026	E
Micron	MTA8ATF1G64HZ-3G2E1	8GB	A2	Micron	MT40A1G8SA-062E:E	8Gb	x8	1801	E
Micron	MTA8ATF1G64HZ-3G2J1	8GB	A2	Micron	MT40A1G8SA-062E:J	8Gb	x8	1828	J
Micron	MTA4ATF1G64HZ-3G2E1	8GB	C0	Micron	MT40A1G16KD-062E:E	16Gb	x16	1940	E
Micron	MTA4ATF1G64HZ-3G2E2	8GB	C0	Micron	MT40A1G16KD-062E:E	16Gb	x16	2026	E
Micron	MTA4ATF51264HZ-3G2E1	4GB	C0	Micron	MT40A512M16LY-062E:E	8Gb	x16	1801	E

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Micron	MTA4ATF51264HZ-3G2J1	4GB	C0	Micron	MT40A512M16TB-062E:J	8Gb	x16	1830	J
Ramaxel	RMSA3320MJ78HAF-3200	8GB	A2	Micron	MT40A1G8SA-062E:J	8Gb	x8	1902	J
Ramaxel	RMSA3310MJ86H9F-3200	4GB	C0	Micron	MT40A512M16TB-062E:J	8Gb	x16	1846	J
Samsung	M471A4G43AB1-CWE	32GB	E1	Samsung	K4AAG085WA-BCWE	16Gb	x8	1852	A
Samsung	M471A2K43DB1-CWE	16GB	E1	Samsung	K4A8G085WD-BCWE	8Gb	x8	1845	D
Samsung	M471A1K43DB1-CWE	8GB	A1	Samsung	K4A8G085WD-BCWE	8Gb	x8	1845	D
Samsung	M471A1G44AB0-CWE	8GB	C0	Samsung	K4AAG165WA-BCWE	16Gb	X16	1928	A
Samsung	M471A5244CB0-CWE	4GB	C0	Samsung	K4A8G165WC-BCWE	8Gb	x16	1901	C
SK hynix	HMAA4GS6AJR8N-XNN0	32GB	E1	SK hynix	H5ANAG8NAJR-XNC	16Gb	x8	1910	A
SK hynix	HMAA4GS6CJR8N-XNN0	32GB	E1	SK Hynix	H5ANAG8NCJR-XNC	16Gb	X8	1940	C
SK hynix	HMAA2GS6AJR8N-XNN0	16GB	A2	SK hynix	H5ANAG8NAJR-XNC	16Gb	x8	1910	A
SK hynix	HMA82GS6CJR8N-XNN0	16GB	E1	SK hynix	H5AN8G8NCJR-XNC	8Gb	x8	1833	C
SK hynix	HMA82GS6DJR8N-XNN0	16GB	E1	SK hynix	H5AN8G8NDJR-XNC	8Gb	x8	1843	D
SK hynix	HMAA2GS6CJR8N-XNN0	16GB	A2	SK hynix	H5ANAG8NCJR-XNC	16Gb	X8	1940	C
SK hynix	HMA81GS6CJR8N-XNN0	8GB	A2	SK hynix	H5AN8G8NCJR-XNC	8Gb	x8	1833	C

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SK hynix	HMA81GS6DJR8N-XNN0	8GB	A2	SK hynix	H5AN8G8NDJR-XNC	8Gb	x8	1843	D
SK hynix	HMAA1GS6CJR6N-XNN0	8GB	C0	SK hynix	H5ANAG6NCJR-XNC	16Gb	X16	1944	C
SK hynix	HMA851S6CJR6N-XNN0	4GB	C0	SK hynix	H5AN8G6NCJR-XNC	8Gb	x16	1833	C
SK hynix	HMA851S6DJR6N-XNN0	4GB	C0	SK hynix	H5AN8G6NDJR-XNC	8Gb	x16	1843	D

DDR4 2933 Non-ECC SoDIMM, 1DIMM/ch, 2 channels, tested at 1.2V Vdd

DIMM Supplier	DIMM Part Number	DIMM Size	Raw Card	DRAM Supplier	DRAM Part Number	DRAM Density	DRAM Width	DRAM DateCode	Die Revision
Kingston	KVR29S21D8/16	16GB	E1	SK hynix	H5AN8G8NCJR-WMC	8Gb	x8	1911	C
Kingston	KVR29S21D8/16	16GB	E1	Micron	MT40A1G8SA-062E:J	8Gb	x8	1914	J
Kingston	KVR29S21D8/16	16GB	E1	SK hynix	H5AN8G8NDJR-XNC	8Gb	x8	1930	D
Kingston	KVR29S21S8/8	8GB	A2	SK hynix	H5AN8G8NCJR-WMC	8Gb	x8	1911	C
Kingston	KVR29S21S8/8	8GB	A2	Micron	MT40A1G8SA-062E:E	8Gb	x8	1906	E

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Kingston	KVR29S21S8/8	8GB	A2	Micron	MT40A1G8SA-062E:J	8Gb	x8	1902	J
Kingston	KVR29S21S8/8	8GB	A2	SK hynix	H5AN8G8NDJR-XNC	8Gb	x8	1930	D
Kingston	KVR29S21S6/4	4GB	C0	SK hynix	H5AN8G6NCJ-RWMC	8Gb	x16	1912	C
Kingston	KVR29S21S6/4	4GB	C0	Micron	MT40A512M16LY-062E:E	8Gb	x16	1904	E
Kingston	KVR29S21S6/4	4GB	C0	Micron	MT40A512M16TB-062E:J	8Gb	x16	1902	J
Kingston	KVR29S21S6/4	4GB	C0	SK hynix	H5AN8G6NDJR-XNC	8Gb	x16	1930	D

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Approved test labs

The following test labs have the capability of performing DDR4 Non-ECC SoDIMM system-level testing. For further information, please contact:

Advanced Validation Labs



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