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## DDR4 2666 Non-ECC SoDIMM Validation Results

Listed below are the results from a small sample of DDR4 2666 Non-ECC SoDIMM modules tested on Intel reference mobile platforms with 8th Gen Intel® Core™ processor (codename Coffee Lake-H), in accordance to Intel platform memory POR (Plan of Record). We are providing this information 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.

### DDR4 2666 (19-19-19) 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	CT32G4SFD8266.16FE1	32GB	E1	Micron	MT40A2G8JC-062E:E	16Gb	x8	1940	E
Crucial	CT32G4SFD832A.16FE1	32GB	E1	Micron	MT40A2G8JC-062E:E	16Gb	x8	1936	E
Crucial	CT16G4SFD8266.16FH1	16GB	E1	Micron	MT40A1G8SA-075:H	8Gb	x8	1710	H
Crucial	CT16G4SFD8266.16FE1	16GB	E1	Micron	MT40A1G8SA-062E:E	8Gb	x8	1744	E
Crucial	CT16G4SFD8266.16FD1	16GB	E1	Micron	MT40A1G8WE-075E:D	8Gb	x8	1702	D
Crucial	CT16G4SFD8266.16FJ1	16GB	E1	Micron	MT40A1G8SA-062E:J	8Gb	x8	1828	J
Crucial	CT16G4SFS8266.8FE1	16GB	A2	Micron	MT40A2G8JC-062E:E	16Gb	x8	1940	E

Crucial	CT16G4SFS832A.8FE1	16GB	A2	Micron	MT40A2G8JC-062E:E	16Gb	x8	1936	E
Crucial	CT8G4SFS8266.8FE1	8GB	A2	Micron	MT40A1G8SA-062E:E	8Gb	x8	1744	E
Crucial	CT8G4SFS8266.8FB1	8GB	A1	Micron	MT40A1G8WE-075E:B	8Gb	x8	1646	B
Crucial	CT8G4SFS8266.8FH1	8GB	A1	Micron	MT40A1G8SA-075:H	8Gb	x8	1710	H
Crucial	CT8G4SFS8266.8FD1	8GB	A2	Micron	MT40A1G8WE-075E:D	8Gb	x8	1806	D
Crucial	CT8G4SFS8266.8FJ1	8GB	A2	Micron	MT40A1G8SA-062E:J	8Gb	x8	1828	J
Crucial	CT8G4SFS6266.4FE1	8GB	C0	Micron	MT40A1G16KD-062E:E	16Gb	x16	1940	E
Crucial	CT8G4SFS632A.4FE1	8GB	C0	Micron	MT40A1G16KD-062E:E	16Gb	x16	1940	E
Crucial	CT4G4SFS6266.4FE1	4GB	C0	Micron	MT40A512M16LY-075:E	8Gb	x16	1744	E
Crucial	CT4G4SFS8266.8FB1	4GB	A1	Micron	MT40A512M8RH-075E:B	4Gb	x8	1648	B
Crucial	CT4G4SFS6266.4FB1	4GB	C0	Micron	MT40A512M16JY-075E:B	8Gb	x16	1614	B
Crucial	CT4G4SFS6266.4FJ1	4GB	C0	Micron	MT40A512M16TB-062E:J	8Gb	x16	1828	J
Crucial	CT2G4SFS6266.4FB1	2GB	C0	Micron	MT40A256M16GE-075E:B	4Gb	x16	1623	B
Kingston	KVR26S19D8/16	16GB	E1	Micron	MT40A1G8SA-075:E	8Gb	x8	1744	E
Kingston	KVR26S19D8/16	16GB	E1	Micron	MT40A1G8SA-062E:J	8Gb	x8	1834	J
Kingston	KVR26S19D8/16	16GB	E1	SK hynix	H5AN8G8NCJR-VKC	8Gb	x8	1740	C
Kingston	KVR26S19D8/16	16GB	E1	SK hynix	H5AN8G8NJJR-VKC	8Gb	x8	1829	J

Kingston	KVR26S19D8/16	16GB	E1	Micron	MT40A1G8SA-062E:J	8Gb	x8	1834	J
Kingston	KVR26S19D8/16	16GB	E1	SK hynix	H5AN8G8NDJR-VKC	8Gb	x8	1927	D
Kingston	KVR26S19S8/8	8GB	A1	Micron	MT40A1G8SA-075:E	8Gb	x8	1744	E
Kingston	KVR26S19S8/8	8GB	A2	Micron	MT40A1G8SA-075:E	8Gb	x8	1748	E
Kingston	KVR26S19S8/8	8GB	A2	Micron	MT40A1G8SA-062E:J	8Gb	x8	1834	J
Kingston	KVR26S19S8/8	8GB	A2	Micron	MT40A1G8WE-075E:D	8Gb	x8	1814	D
Kingston	KVR26S19S8/8	8GB	A1	SK hynix	H5AN8G8NCJR-VKC	8Gb	x8	1740	C
Kingston	KVR26S19S8/8	8GB	A2	Micron	MT40A1G8SA-062E:J	8Gb	x8	1834	J
Kingston	KVR26S19S8/8	8GB	A2	SK hynix	H5AN8G8NJJR-VKC	8Gb	x8	1825	J
Kingston	KVR26S19S8/8	8GB	A2	SK hynix	H5AN8G8NDJR-VKC	8Gb	x8	1927	D
Kingston	KVR26S19S6/4	4GB	C0	Micron	MT40A512M16LY-075:E	8Gb	x16	1744	E
Kingston	KVR26S19S6/4	4GB	C0	Micron	MT40A512M16TB-062E:J	8Gb	x16	1838	J
Kingston	KVR26S19S6/4	4GB	C0	SK hynix	H5AN8G6NCJR-VKC	8Gb	x16	1747	C
Kingston	KVR26S19S6/4	4GB	C0	SK hynix	H5AN8G6NJJR-VKC	8Gb	x16	1829	J
Kingston	KVR26S19S6/4	4GB	C0	Micron	MT40A512M16TB-062E:J	8Gb	x16	1838	J
Kingston	KVR26S19S6/4	4GB	C0	SK hynix	H5AN8G6NDJR-VKC	8Gb	x16	1930	D
Micron	MTA16ATF4G64HZ-3G2B2	32GB	E1	Micron	MT40A2G8VA-062E:B	16Gb	x8	1916	B

Micron	MTA16ATF4G64HZ-2G6B2	32GB	E1	Micron	MT40A2G8VA-062E:B	16Gb	x8	1902	B
Micron	MTA16ATF4G64HZ-2G6E1	32GB	E1	Micron	MT40A2G8JC-062E:E	16Gb	x8	1940	E
Micron	MTA16ATF4G64HZ-3G2E1	32GB	E1	Micron	MT40A2G8JC-062E:E	16Gb	x8	1936	E
Micron	MTA16ATF2G64HZ-2G6H1	16GB	E1	Micron	MT40A1G8SA-075:H	8Gb	x8	1710	H
Micron	MTA16ATF2G64HZ-2G6E1	16GB	E1	Micron	MT40A1G8SA-062E:E	8Gb	x8	1744	E
Micron	MTA16ATF2G64HZ-2G6D1	16GB	E1	Micron	MT40A1G8WE-075E:D	8Gb	x8	1702	D
Micron	MTA16ATF2G64HZ-2G6J1	16GB	E1	Micron	MT40A1G8SA-062E:J	8Gb	x8	1828	J
Micron	MTA16ATF2G64HZ-3G2J1	16GB	E1	Micron	MT40A1G8SA-062E:J	8Gb	x8	1844	J
Micron	MTA8ATF2G64HZ-2G6E1	16GB	A2	Micron	MT40A2G8JC-062E:E	16Gb	x8	1940	E
Micron	MTA8ATF2G64HZ-3G2E1	16GB	A2	Micron	MT40A2G8JC-062E:E	16Gb	x8	1936	E
Micron	MTA8ATF1G64HZ-2G6E1	8GB	A2	Micron	MT40A1G8SA-062E:E	8Gb	x8	1744	E
Micron	MTA8ATF1G64HZ-2G6B1	8GB	A1	Micron	MT40A1G8WE-075E:B	8Gb	x8	1646	B
Micron	MTA8ATF1G64HZ-2G6H1	8GB	A1	Micron	MT40A1G8SA-075:H	8Gb	x8	1710	H
Micron	MTA8ATF1G64HZ-2G6D1	8GB	A2	Micron	MT40A1G8WE-075E:D	8Gb	x8	1806	D
Micron	MTA8ATF1G64HZ-2G6J1	8GB	A2	Micron	MT40A1G8SA-062E:J	8Gb	x8	1828	J
Micron	MTA8ATF1G64HZ-3G2J1	8GB	A2	Micron	MT40A1G8SA-062E:J	8Gb	x8	1844	J

Micron	MTA4ATF1G64HZ-2G6E1	8GB	C0	Micron	MT40A1G16KD-062E:E	16Gb	x16	1940	E
Micron	MTA4ATF1G64HZ-3G2E1	8GB	C0	Micron	MT40A1G16KD-062E:E	16Gb	x16	1940	E
Micron	MTA4ATF51264HZ-2G6E1	4GB	C0	Micron	MT40A512M16LY-075:E	8Gb	x16	1744	E
Micron	MTA8ATF51264HZ-2G6B1	4GB	A1	Micron	MT40A512M8RH-075E:B	4Gb	x8	1648	B
Micron	MTA4ATF51264HZ-2G6B1	4GB	C0	Micron	MT40A512M16JY-075E:B	8Gb	x16	1614	B
Micron	MTA4ATF51264HZ-2G6J1	4GB	C0	Micron	MT40A512M16TB-062E:J	8Gb	x16	1828	J
Micron	MTA4ATF25664HZ-2G6B1	2GB	C0	Micron	MT40A256M16GE-075E:B	4Gb	x16	1623	B
Micron	MTA4ATF51264HZ-3G2J1	4GB	C0	Micron	MT40A512M16TB-062E:J	8Gb	x16	1820	J
Nanya	NT8GA64D88BX3S-HR	8GB	A1	Nanya	NT5AD1024M8B3-HR	8Gb	x8	1928	B
RAMAXEL	RMSA3330ME78HBF-2666	16GB	E1	Micron	MT40A1G8SA-075:E	8Gb	x8	1744	E
RAMAXEL	RMSA3330MJ78HBF-3200	16GB	E1	Micron	MT40A1G8SA-062E:J	8Gb	x8	1922	J
RAMAXEL	RMSA3260ME78HAF-2666	8GB	A1	Micron	MT40A1G8SA-075:E	8Gb	x8	1744	E
RAMAXEL	RMSA3260KC78HAF-2666	8GB	A1	Samsung	K4A8G085WC-BCTD	8Gb	x8	1807	C
RAMAXEL	RMSA3260MD78HAF-2666	8GB	A1	Micron	MT40A1G8WE-075E:D	8Gb	x8	1807	D
RAMAXEL	RMSA3320MJ78HAF-3200	8GB	A2	Micron	MT40A1G8SA-062E:J	8Gb	x8	1927	J
RAMAXEL	RMSA3270ME86H9F-2666	4GB	C0	Micron	MT40A512M16LY-075:E	8Gb	x16	1744	E

RAMAXEL	RMSA3310MJ86H9F-3200	4GB	C0	Micron	MT40A512M16TB-062E:J	8Gb	x16	1928	J
Samsung	M471A4G43MB1-CTD	32GB	E1	Samsung	K4AAG085WM-BCTD	16Gb	x8	1843	M
Samsung	M471A2K43CB1-CTD	16GB	E1	Samsung	K4A8G085WC-BCTD	8Gb	x8	1737	C
Samsung	M471A2K43BB1-CTD	16GB	E1	Samsung	K4A8G085WB-BCTD	8Gb	x8	1740	B
Samsung	M471A2K43EB1-CTD	16GB	E1	Samsung	K4A8G085WE-BCTD	8Gb	X8	1949	E
Samsung	M471A1K43CB1-CTD	8GB	A1	Samsung	K4A8G085WC-BCTD	8Gb	x8	1737	C
Samsung	M471A1K43BB1-CTD	8GB	A1	Samsung	K4A8G085WB-BCTD	8Gb	x8	1740	B
Samsung	M471A1K43EB1-CTD	8GB	A1	Samsung	K4A8G085WE-BCTD	8Gb	X8	1949	E
Samsung	M471A5244CB0-CTD	4GB	C0	Samsung	K4A8G165WC-BCTD	8Gb	x16	1737	C
Samsung	M471A5244BB0-CTD	4GB	C0	Samsung	K4A8G165WB-BCTD	8Gb	x16	1740	B
SK Hynix	HMAA4GS6AJR8N-VKN0	32GB	E1	SK hynix	H5ANAG8NAJR-VKC	16Gb	X8	1909	A
SK Hynix	HMAA4GS6MJR8N-VKN0	32GB	E1	SK hynix	H5ANAG8NMJR-VKC	16Gb	X8	1910	M
SK hynix	HMA82GS6CJR8N-VKN0	16GB	E1	SK hynix	H5AN8G8NCJR-VKC	8Gb	x8	1725	C
SK hynix	HMA82GS6JJR8N-VKN0	16GB	E1	SK hynix	H5AN8G8NJJR-VKC	8Gb	x8	1817	J
SK Hynix	HMAA2GS6AJR8N-VKN0	16GB	A2	SK hynix	H5ANAG8NAJR-VKC	16Gb	X8	1909	A
SK hynix	HMA82GS6DJR8N-VKN0	16GB	E1	SK hynix	H5AN8G8NDJR-VKC	8Gb	x8	1836	D

SK hynix	HMA81GS6CJR8N-VKN0	8GB	A1	SK hynix	H5AN8G8NCJR-VKC	8Gb	x8	1725	C
SK hynix	HMA81GS6JJR8N-VKN0	8GB	A1	SK hynix	H5AN8G8NJJR-VKC	8Gb	x8	1817	J
SK Hynix	HMAA1GS6MJR6N-VKN0	8GB	C0	SK hynix	H5ANAG6NMJR-VKC	16Gb	x16	1907	M
SK hynix	HMA81GS6DJR8N-VKN0	8GB	A2	SK hynix	H5AN8G8NDJR-VKC	8Gb	X8	1836	D
SK hynix	HMA851S6CJR6N-VKN0	4GB	C0	SK hynix	H5AN8G6NCJR-VKC	8Gb	x16	1729	C
SK hynix	HMA851S6DJR6N-VKN0	4GB	C0	SK hynix	H5AN8G6NDJR-VKC	8Gb	X16	1844	D

**Created on April 30<sup>th</sup>, 2020**

**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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