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DDR4 2666 Non-ECC UDIMM Validation Results

Listed below are the results from a small sample of DDR4 2666 Non-ECC UDIMM modules tested on Intel reference desktop platforms with 8th Gen Intel® Core™, Intel® Pentium®, Intel® Celeron® processor (codename Coffee Lake-S), 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 UDIMM, 2DIMM/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	CT32G4DFD832A.16FB1	32GB	B2	Micron	MT40A2G8JC-062E:E	16Gb	x8	1916	B
Crucial	CT32G4DFD832A.16FE1	32GB	B2	Micron	MT40A2G8JC-062E:E	16Gb	x8	1936	E
Crucial	CT32G4DFD826616FE1.	32GB	B2	Micron	MT40A2G8VA-062E:B	16Gb	x8	1940	E
Crucial	CT16G4DFD8266.16FB1	16GB	B1	Micron	MT40A1G8WE-075E:B	8Gb	x8	1646	B
Crucial	CT16G4DFD8266.16FD1	16GB	B1	Micron	MT40A1G8WE-075E:D	8Gb	x8	1644	D
Crucial	CT16G4DFD8266.16FE1	16GB	B1	Micron	MT40A1G8SA-062E:E	8Gb	x8	1744	E
Crucial	CT16G4DFD8266.16FH1	16GB	B1	Micron	MT40A1G8SA-075:H	8Gb	x8	1710	H
Crucial	CT16G4DFD8266.16FJ1	16GB	B1	Micron	MT40A1G8SA-062E:J	8Gb	x8	1828	J

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Crucial	CT16G4DFS832A.8FE1	16GB	A2	Micron	MT40A2G8JC-062E:E	16Gb	x8	1934	E
Crucial	CT16G4DFS8266.8FE1	16GB	A2	Micron	MT40A2G8JC-062E:E	16Gb	x8	1940	E
Crucial	CT8G4DFS8266.8FB1	8GB	A1	Micron	MT40A1G8WE-075E:B	8Gb	x8	1646	B
Crucial	CT8G4DFD8266.16FB1	8GB	B1	Micron	MT40A512M8RH-075E:B	4Gb	x8	1648	B
Crucial	CT8G4DFS8266.8FD1	8GB	A2	Micron	MT40A1G8WE-075E:D	8Gb	x8	1644	D
Crucial	CT8G4DFS8266.8FE1	8GB	A2	Micron	MT40A1G8SA-062E:E	8Gb	x8	1744	E
Crucial	CT8G4DFS8266.8FH1	8GB	A2	Micron	MT40A1G8SA-075:H	8Gb	x8	1710	H
Crucial	CT8G4DFS8266.8FJ1	8GB	A2	Micron	MT40A1G8SA-062E:J	8Gb	x8	1828	J
Crucial	CT8G4DFS6266.4FE1	8GB	C0	Micron	MT40A1G16KD-062E:E	16Gb	x16	1940	E
Crucial	CT8G4DFS632A.4FE1	8GB	C0	Micron	MT40A1G16KD-062E:E	16Gb	x16	1940	E
Crucial	CT4G4DFS8266.8FB1	4GB	A1	Micron	MT40A512M8RH-075E:B	4Gb	x8	1648	B
Crucial	CT4G4DFS6266.4FB1	4GB	C0	Micron	MT40A512M16JY-075E:B	8Gb	x16	1620	B
Crucial	CT4G4DFS6266.4FE1	4GB	C0	Micron	MT40A512M16LY-075:E	8Gb	x16	1744	E
Crucial	CT4G4DFS6266.4FH1	4GB	C0	Micron	MT40A512M16LY-075:H	8Gb	x16	1710	H
Crucial	CT4G4DFS6266.4FJ1	4GB	C0	Micron	MT40A512M16TB-062E:J	8Gb	x16	1828	J
Kingston	KVR26N19D8/16	16GB	B1	SK hynix	H5AN8G8NCJR-VKC	8Gb	x8	1725	C
Kingston	KVR26N19D8/16	16GB	B1	SK hynix	H5AN8G8NAFR-VKC	8Gb	x8	1643	A

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Kingston	KVR26N19D8/16	16GB	B1	Micron	MT40A1G8SA-075:E	8Gb	x8	1744	E
Kingston	KVR26N19D8/16	16GB	B1	Micron	MT40A1G8SA-075:H	8Gb	x8	1710	H
Kingston	KVR26N19D8/16	16GB	B1	Micron	MT40A1G8SA-062E:J	8Gb	x8	1834	J
Kingston	KVR26N19D8/16	16GB	B1	Micron	MT40A1G8WE-075E:D	8Gb	x8	1814	D
Kingston	KVR26N19D8/16	16GB	B1	SK hynix	H5AN8G8NJJR-VKC	8Gb	x8	1825	J
Kingston	KVR26N19D8/16	16GB	B1	Micron	MT40A1G8SA-062E:J	8Gb	x8	1834	J
Kingston	KVR26N19D8/16	16GB	B2	Micron	MT40A1G8SA-075:E	8Gb	x8	1908	E
Kingston	KVR26N19D8/16	16GB	B2	SK hynix	H5AN8G8NJJR-VKC	8Gb	x8	1926	J
Kingston	KVR26N19S8/8	8GB	A2	SK hynix	H5AN8G8NAFR-VKC	8Gb	x8	1643	A
Kingston	KVR26N19S8/8	8GB	A2	SK hynix	H5AN8G8NCJR-VKC	8Gb	x8	1725	C
Kingston	KVR26N19S8/8	8GB	A2	Micron	MT40A1G8SA-075:E	8Gb	x8	1744	E
Kingston	KVR26N19S8/8	8GB	A2	Micron	MT40A1G8SA-075:H	8Gb	x8	1710	H
Kingston	KVR26N19S8/8	8GB	A2	Micron	MT40A1G8SA-062E:J	8Gb	x8	1834	J
Kingston	KVR26N19S8/8	8GB	A2	Micron	MT40A1G8WE-075E:D	8Gb	x8	1814	D
Kingston	KVR26N19S8/8	8GB	A2	SK hynix	H5AN8G8NJJR-VKC	8Gb	x8	1825	J
Kingston	KVR26N19S8/8	8GB	A2	Micron	MT40A1G8SA-062E:J	8Gb	x8	1834	J
Kingston	KVR26N19S8/8	8GB	A2	SK hynix	H5AN8G8NDJR-VKC	8Gb	x8	1927	D

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Kingston	KVR26N19D8/16	8GB	B1	SK hynix	H5AN8G8NDJR-VKC	8Gb	x8	1927	D
Kingston	KVR26N19S6/4	4GB	C0	Micron	MT40A512M16LY-075:E	8Gb	x16	1744	E
Kingston	KVR26S19S6/4	4GB	C0	Micron	MT40A512M16TB-062E:J	8Gb	x16	1838	J
Kingston	KVR26N19S6/4	4GB	C0	SK hynix	H5AN8G6NCJR-VKC	8Gb	x16	1747	C
Kingston	KVR26S19S6/4	4GB	C0	Micron	MT40A512M16TB-062E:J	8Gb	x16	1838	J
Kingston	KVR26N19S6/4	4GB	C0	SK hynix	H5AN8G6NJJR-VKC	8Gb	x16	1829	J
Kingston	KVR26N19S6/4	4GB	C0	SK hynix	H5AN8G6NDJR-VKC	8Gb	x16	1930	D
Micron	MTA16ATF4G64AZ-2G6B1	32GB	B3	Micron	MT40A2G8VA-062E:B	16Gb	x8	1916	B
Micron	MTA16ATF4G64AZ-3G2B1	32GB	B2	Micron	MT40A2G8VA-062E:B	16Gb	x8	1916	B
Micron	MTA16ATF4G64AZ-3G2E1	32GB	B2	Micron	MT40A2G8JC-062E:E	16Gb	x8	1936	E
Micron	MTA16ATF4G64AZ-2G6E1	32GB	B2	Micron	MT40A2G8JC-062E:E	16Gb	x8	1940	E
Micron	MTA16ATF2G64AZ-2G6B1	16GB	B1	Micron	MT40A1G8WE-075E:B	8Gb	x8	1646	B
Micron	MTA16ATF2G64AZ-2G6D1	16GB	B1	Micron	MT40A1G8WE-075E:D	8Gb	x8	1644	D
Micron	MTA16ATF2G64AZ-2G6E1	16GB	B1	Micron	MT40A1G8SA-062E:E	8Gb	x8	1744	E
Micron	MTA16ATF2G64AZ-2G6H1	16GB	B1	Micron	MT40A1G8SA-075:H	8Gb	x8	1710	H
Micron	MTA16ATF2G64AZ-2G6J1	16GB	B1	Micron	MT40A1G8SA-062E:J	8Gb	x8	1828	J
Micron	MTA16ATF2G64AZ-3G2J1	16GB	B1	Micron	MT40A1G8SA-062E:J	8Gb	x8	1820	J

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Micron	MTA8ATF2G64AZ-3G2E1	16GB	A2	Micron	MT40A2G8JC-062E:E	16Gb	x8	1934	E
Micron	MTA8ATF2G64AZ-2G6E1	16GB	A2	Micron	MT40A2G8JC-062E:E	16Gb	x8	1940	E
Micron	MTA8ATF1G64AZ-2G6B1	8GB	A1	Micron	MT40A1G8WE-075E:B	8Gb	x8	1646	B
Micron	MTA16ATF1G64AZ-2G6B1	8GB	B1	Micron	MT40A512M8RH-075E:B	4Gb	x8	1648	B
Micron	MTA8ATF1G64AZ-2G6D1	8GB	A2	Micron	MT40A1G8WE-075E:D	8Gb	x8	1644	D
Micron	MTA8ATF1G64AZ-2G6E1	8GB	A2	Micron	MT40A1G8SA-062E:E	8Gb	x8	1744	E
Micron	MTA8ATF1G64AZ-2G6H1	8GB	A2	Micron	MT40A1G8SA-075:H	8Gb	x8	1710	H
Micron	MTA8ATF1G64AZ-2G6J1	8GB	A2	Micron	MT40A1G8SA-062E:J	8Gb	x8	1828	J
Micron	MTA8ATF1G64AZ-3G2J1	8GB	A2	Micron	MT40A1G8SA-062E:J	8Gb	x8	1820	J
Micron	MTA4ATF1G64AZ-2G6E1	8GB	C0	Micron	MT40A1G16KD-062E:E	16Gb	x16	1940	E
Micron	MTA4ATF1G64AZ-3G2E1	8GB	C0	Micron	MT40A1G16KD-062E:E	16Gb	x16	1940	E
Micron	MTA8ATF51264AZ-2G6B1	4GB	A1	Micron	MT40A512M8RH-075E:B	4Gb	x8	1648	B
Micron	MTA4ATF51264AZ-2G6B1	4GB	C0	Micron	MT40A512M16JY-075E:B	8Gb	x16	1620	B
Micron	MTA4ATF51264AZ-2G6E1	4GB	C0	Micron	MT40A512M16LY-075:E	8Gb	x16	1744	E
Micron	MTA4ATF51264AZ-2G6H1	4GB	C0	Micron	MT40A512M16LY-075:H	8Gb	x16	1710	H
Micron	MTA4ATF51264AZ-2G6J1	4GB	C0	Micron	MT40A512M16TB-062E:J	8Gb	x16	1828	J
Micron	MTA4ATF51264AZ-3G2J1	4GB	C0	Micron	MT40A512M16TB-062E:J	8Gb	x16	1844	J

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Nanya	NT8GA64D88BX3F-HR	8GB	A2	Nanya	NT5AD1024M8B3-HR	8Gb	x8	1928	B
RAMAXEL	RMUA5110KC78HAF-2666	8GB	A2	Samsung	K4A8G085WC-BCTD	8Gb	x8	1834	C
RAMAXEL	RMUA5110MD78HAF-2666	8GB	A2	Micron	MT40A1G8WE-075E:D	8Gb	x8	1810	D
RAMAXEL	RMUA5120KC86H9F-2666	4GB	C0	Samsung	K4A8G165WC-BCTD	8Gb	x16	1907	C
RAMAXEL	RMUA5120ME86H9F-2666	4GB	C0	Micron	MT40A512M16LY-075:E	8Gb	x16	1744	E
Samsung	M378A2K43CB1-CTD	16GB	B1	Samsung	K4A8G085WC-BCTD	8Gb	x8	1737	C
Samsung	M378A2K43BB1-CTD	16GB	B1	Samsung	K4A8G085WB-BCTD	8Gb	x8	1740	B
Samsung	M378A1K43CB2-CTD00	8GB	A2	Samsung	K4A8G085WC-BCTD	8Gb	x8	1737	C
Samsung	M378A1K43BB2-CTD	8GB	A2	Samsung	K4A8G085WB-BCTD	8Gb	x8	1740	B
Samsung	M378A5244CB0-CTD	4GB	C0	Samsung	K4A8G165WC-BCTD	8Gb	x16	1737	C
Samsung	M378A5244BB0-CTD	4GB	C0	Samsung	K4A8G165WB-BCTD	8Gb	x16	1740	B
SK Hynix	HMAA4GU6AJR8N-VKN0	32GB	B2	SK hynix	H5ANAG8NAJR-VKC	16Gb	X8	1909	A
SK hynix	HMA82GU6CJR8N-VKN0	16GB	B1	SK hynix	H5AN8G8NCJR-VKC	8Gb	x8	1725	C
SK hynix	HMA82GU6JJR8N-VKN0	16GB	B1	SK hynix	H5AN8G8NJJR-VKC	8Gb	x8	1817	J
SK Hynix	HMAA2GU6AJR8N-VKN0	16GB	A3	SK hynix	H5ANAG8NAJR-VKC	16Gb	X8	1909	A
SK hynix	HMA82GU6DJR8N-VKN0	16GB	B2	SK hynix	H5AN8G8NDJR-VKC	8Gb	X8	1846	D
SK hynix	HMA81GU6CJR8N-VKN0	8GB	A2	SK hynix	H5AN8G8NCJR-VKC	8Gb	x8	1725	C

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SK hynix	HMA81GU6JJR8N-VKN0	8GB	A2	SK hynix	H5AN8G8NJJR-VKC	8Gb	x8	1817	J
SK hynix	HMA81GU6DJR8N-VKN0	8GB	A2	SK hynix	H5AN8G8NDJR-VKC	8Gb	X8	1846	D
SK hynix	HMA851U6CJR6N-VKN0	4GB	C0	SK hynix	H5AN8G6NCJR-VKC	8Gb	x16	1729	C
SK hynix	HMA851U6DJR6N-VKN0	4GB	C0	SK hynix	H5AN8G6NDJR-VKC	8Gb	X16	1844	D

Created on Feb 10th, 2020

Approved test labs

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

Advanced Validation Labs

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