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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	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	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

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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	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	KVR26S19S8/8	8GB	A1	Micron	MT40A1G8SA-075:E	8Gb	x8	1744	E
Kingston	KVR26S19S6/4	4GB	C0	Micron	MT40A512M16LY-075:E	8Gb	x16	1744	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	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	MTA4ATF51264HZ-2G6E1	4GB	C0	Micron	MT40A512M16LY-075:E	8Gb	x16	1744	E

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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	MTA4ATF25664HZ-2G6B1	2GB	C0	Micron	MT40A256M16GE-075E:B	4Gb	x16	1623	B
RAMAXEL	RMSA3300ME78HBF-2666	16GB	E1	Micron	MT40A1G8SA-075:E	8Gb	x8	1744	E
RAMAXEL	RMSA3260ME78HAF-2666	8GB	A1	Micron	MT40A1G8SA-075:E	8Gb	x8	1744	E
RAMAXEL	RMSA3270ME86H9F-2666	4GB	C0	Micron	MT40A512M16LY-075:E	8Gb	x16	1744	E
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	M471A1K43CB1-CTD	8GB	A1	Samsung	K4A8G085WC-BCTD	8Gb	x8	1737	C
Samsung	M471A1K43BB1-CTD	8GB	A1	Samsung	K4A8G085WB-BCTD	8Gb	x8	1740	B
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	HMA82GS6CJR8N-VKN0	16GB	E1	SK hynix	H5AN8G8NCJR-VKC	8Gb	x8	1725	C
SK hynix	HMA81GS6CJR8N-VKN0	8GB	A1	SK hynix	H5AN8G8NCJR-VKC	8Gb	x8	1725	C
SK hynix	HMA851S6CJR6N-VKN0	4GB	C0	SK hynix	H5AN8G6NCJR-VKC	8Gb	x16	1729	C

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**Created on May 5<sup>th</sup>, 2018**

## **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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