



# INTEL VALIDATED DDR4 3200 LRDIMMS

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DDR4 LRDIMM System-Level Validation Results on 3rd Gen Intel Xeon Scalable Processors listed below are the results from a small sample of DDR4 LRDIMMS tested on Intel® Xeon® Scalable Processors on the Whitley and Cedar Island Platforms. We are providing this information as a guide to module compatibility with Intel Server reference platforms. This testing is not intended to replace the normal OEM qualification process. All parts used are recommended to be run with the latest Intel® platform Reference Code Production Version.

Updated April 23, 2021

DDR4 3200 LRDIMM tested in the following conditions: 3200 MT/s 1.2V 2DIMM per channel; 2 slots per channel; 8 channels 2933 MT/s 1.2V 2DIMM per channel; 2 slots per channel; 8 channel												
DIMM					DRAM					Register/Buffer		
DIMM Supplier	DIMM Part Number	Size	CL	Raw Card	DRAM Supplier	DRAM Part Number	Die Density	Width	Date Code	Vendor	Register Rev	Buffer Rev
Micron Technology	MTA72ASS16G72LZ-3G2B3	128GB	22	D3	Micron Technology	MT40A8G4BAF-062E:B	16Gb DDP	x4	2026	IDT	C1	D1
Micron Technology	MTA72ASS16G72LZ-3G2B3	128GB	22	D3	Micron Technology	MT40A8G4BAF-062E:B	16Gb DDP	x4	2022	Montage	H1	H3
Samsung	M386AAG40AM3-CWE	128GB	22	D3	Samsung	K4ABG045WA-MCWE	16Gb DDP	x4	1928	Montage	H1	H3
Samsung	M386AAG40AM3-CWE	128GB	22	D3	Samsung	K4ABG045WA-MCWE	16Gb DDP	x4	1928	IDT	C1	D1
Samsung	M386A8K40DM2-CWE	64GB	22	E2	Samsung	K4AAG045WD-MCWE	8Gb DDP	x4	1916	Montage	H1	H3
Samsung	M386A8K40DM2-CWE	64GB	22	E2	Samsung	K4AAG045WD-MCWE	8Gb DDP	x4	1916	IDT	C1	D1
SK hynix	HMABAGL7ABR4N-XNTH	128GB	22	D3	SK hynix	H5ANBG4NABR-XNC	16Gb DDP	x4	1927	IDT	C1	D1
SK hynix	HMABAGL7ABR4N-XNT5	128GB	22	D3	SK hynix	H5ANBG4NABR-XNC	16Gb DDP	x4	1927	Montage	H1	H3
SK hynix	HMABAGL7A2R4N-XSTH	128GB	26	A1	SK hynix	H5ANBG4TA2R-XSC	16Gb 3DS	x4	1930	IDT	C1	D1
SK hynix	HMABAGL7A2R4N-XST5	128GB	26	A1	SK hynix	H5ANBG4TA2R-XSC	16Gb 3DS	x4	1930	Montage	H1	H3
SK hynix	HMAT14JXSLB189N	256GB	26	A1	SK hynix	H5AG64JXSDX042	16Gb 3DS	x4	2037	IDT	C1	D1
SK hynix	HMAT14JXSLB126N	256GB	26	A1	SK hynix	H5AG64JXSDX042	16Gb 3DS	x4	2037	Montage	H1	H3

**Approved test labs**

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

**Advanced Validation Labs (AVL)**  
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