



INTEL CERTIFIED SERVER MEMORY

Since May 2005, Kingston has featured server memory products qualified on Intel brand server systems.



Kingston and Intel

Kingston works closely with Intel's platform and data center groups to support new server memory technologies featured on Intel platforms. This typically begins a year or more before systems are released, where Kingston has access to Intel reference motherboards and processors to test memory prototypes. When memory prototypes mature to their final designs, they are submitted to Intel to undergo a rigorous testing process designed to validate compatibility. A passing test results in Kingston's promotion to the list of Intel platform validated memory products.

After server modules have been platform validated, Kingston submits them to be qualified on Intel's own brand of server systems and motherboards. Passing parts are posted to the list of compatible hardware of the specific system or motherboard on Intel's website. Copies of the test certifications can also be found on Kingston's website.

Diversity of Supply and Legacy Support

Kingston sources the latest memory technology components from the world's top semiconductor suppliers. A diverse supply base provides a consistent, steady source of server memory options for Kingston's customers. As new DRAM technology is introduced, or revisions are made to existing technology, Kingston submits

these for both Intel platform validation and system/motherboard qualification. This includes legacy Intel server systems, providing assurance to customers with older servers that the latest memory technology is compatible.

Kingston Quality

Since 1987, Kingston has had an unwavering practice of 100 percent production testing. All memory products are tested to confirm every cell on every chip on every module is free of defects. One bad memory cell amongst billions on a single module means it does not leave the factory. Additionally, all server-class memory must pass a dynamic burn-in process designed to simulate three months of heavy server use within a 24-hour period. This is a unique practice in the industry and today is an evolution of the process first patented by Kingston in 2004 to eliminate early-life failure of server memory components.

Service and Support

All Kingston server memory products feature a lifetime warranty with free technical support. Kingston also provides access to its global team of experts that specialize in server memory architecture for advice on configurations or in-depth consultation to determine the best memory solution for different applications.

Load Reduced DIMM

MT/s	Capacity	Type	Part Number	DRAM/Register
2666	64GB	4Rx4	KSM26LQ4/64HAI	Hynix A / IDT
			KSM26LQ4/64HAM	Hynix A / Montage

Registered DIMM

MT/s	Capacity	Type	Part Number	DRAM/Register
2933	32GB	2Rx4	KSM29RD4/32HCI	Hynix C / IDT
			KSM29RD4/32MEI	Micron E / IDT
	16GB	1Rx4	KSM29RS4/16HCI	Hynix C / IDT
			KSM29RS4/16MEI	Micron E / IDT
	16GB	2Rx8	KSM29RD8/16HCI	Hynix C / IDT
			KSM29RD8/16MEI	Micron E / IDT
	8GB	1Rx8	KSM29RS8/8HCI	Hynix C / IDT
			KSM29RS8/8MEI	Micron E / IDT
2666	32GB	2Rx4	KSM26RD4/32HAI	Hynix A / IDT
			KSM26RD4/32MEI	Micron E / IDT
	16GB	1Rx4	KSM26RS4/16HAI	Hynix A / IDT
			KSM26RS4/16MEI	Micron E / IDT
	16GB	2Rx8	KSM26RD8/16HAI	Hynix A / IDT
			KSM26RD8/16MEI	Micron E / IDT
			KSM26RD8L/16MEI (VLP)	Micron E / IDT
	8GB	1Rx8	KSM26RS8/8HAI	Hynix A / IDT
			KSM26RS8/8MEI	Micron E / IDT
KSM26RS8L/8MEI (VLP)			Micron E / IDT	

Registered DIMM (cont.)				
MT/s	Capacity	Type	Part Number	DRAM/Register
2400	32GB	2Rx4	KSM24RD4/32HAI	Hynix A / IDT
			KSM24RD4/32MEI	Micron E / IDT
	16GB	1Rx4	KSM24RS4/16HAI	Hynix A / IDT
			KSM24RS4/16MEI	Micron E / IDT
			KSM24RS4L/16MEI (VLP)	Micron E / IDT
	16GB	2Rx8	KSM24RD8/16HAI	Micron E / IDT
			KSM24RD8/16MEI	Hynix A / IDT
	8GB	1Rx8	KSM24RS8/8HAI	Hynix A / IDT
			KSM24RS8/8MEI	Micron E / IDT

ECC Unbuffered DIMM				
MT/s	Capacity	Type	Part Number	DRAM
2666	16GB	2Rx8	KSM26ED8/16ME	Micron E
	8GB	1Rx8	KSM26ES8/8ME	Micron E
2400	16GB	2Rx8	KSM24ED8/16ME	Micron E
	8GB	1Rx8	KSM24ES8/8ME	Micron E

Visit <https://www.kingston.com/us/memory/server/> for product information and support for your system(s). For more information, contact your Kingston Technology sales representative or an authorized distributor in your area.



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