

DATARAM MEMORY PRODUCTS FOR DELL SYSTEMS



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FAMILY	MODEL	MAX	SLOTS	CAPACITY	MFG #	DATARAM #	BOARDS
SERVERS							
PowerEdge	T110, R210	16GB	4	2GB	A3132554	DRL1333U/2GB	1
				4GB	A3132555	DRL1333U/4GB	1
PowerEdge	T310, R310	32GB	6	2GB	A3116519	DRL1333U/2GB	1
				4GB		DRL1333U/4GB	1
				2GB	A3116517	DRL1333R/2GB	1
				4GB	A3116520	DRL1066RQ/4GB	1
				8GB		DRL1066RQ8/8GB	1
Systems feature 1 or 2 processors each controlling 2 memory "channels" of 2 DIMM slots each. For best performance balance the total memory capacity equally between both CPUs. Overall memory speed is dependent upon the processor model and memory configuration: 1 DIMM per channel enables memory speed of 1333MHz; 2 DIMMs per channel reduces speed to 1066MHz; maximum speed with quad-rank DIMMs is 1066MHz with 1 DIMM per channel and 800MHz with 2 DIMMs per channel.							
PowerEdge	1900	64GB	8	8GB		DRL667FB/8GB	2
				16GB ¹⁾		DRL667FBQ/16GB	2
¹⁾ 8GB Quad-Rank DIMMs require BIOS V2.3.1 or later.							
PowerEdge	1800, SC1420, SC1425	12GB	6	2GB	----	DRL2850S/2GB	1 ¹⁾
¹⁾ Except for a single DIMM in the 1st slot, odd numbered DIMMs are not supported--DIMMs must be installed in matched pairs. If using both single- and dual-rank DIMMs, the dual-rank DIMMs must be installed in slots 1 and 2. Dual-rank DIMMs are not supported in slots 5 and 6. No more than the equivalent of eight ranks are supported. The DRL2850S/2GB is single-rank.							
PowerEdge	2970	64GB	8	8GB	A2257192	DRL667R/8GB	2
				16GB	A2257238	DRL667RQ/16GB	2
				4GB	A2408011	DRL800R2/4GB	2
				8GB	A2408012	DRL800R/8GB	2
Install DIMMs in matched pairs; 4 DIMM slots per processor. 8GB Quad-Rank DIMMs require BIOS 1.2.2 or later. 8GB Quad-Rank DIMMs and all memory installed with them are clocked down to 533MHz.							
PowerEdge	SC1435, T605	32GB	8	8GB		DRL667R/8GB	2
				4GB	A2408001, A2408003	DRL800R2/4GB	2
				8GB	A2408002, A2408010	DRL800R/8GB	2
Install DIMMs in matched pairs; 4 DIMM slots per processor.							
PowerEdge	1850, 1855, 2800, 2850	16GB	6	2GB		DRL2850S/2GB	1 ¹⁾
				4GB		DRL2850D/4GB	1 ¹⁾
¹⁾ Except for a single DIMM in the 1st slot, odd numbered DIMMs are not supported--DIMMs must be installed in matched pairs. If using both single- and dual-rank DIMMs, the dual-rank DIMMs must be installed in slots 1 and 2. Dual-rank DIMMs are not supported in slots 5 and 6. No more than the equivalent of eight ranks are supported. The DRL2850S/2GB is single-rank. The DRL2850D/4GB is dual-rank.							
PowerEdge	T300, R300	24GB	6	8GB	A2257195, A2257196	DRL667R/8GB	2
Install DIMMs in matched pairs.							
PowerEdge	1955	64GB	8	8GB	A2257180	DRL667FB/8GB	2
Install DIMMs in matched pairs. Valid configurations are two, four, or eight DIMMs. For optimum performance all four or eight DIMMs should be identical (capacity, speed, etc). Memory sparing and memory mirroring require eight and all must be identical.							
PowerEdge	1950, 1950 III, 2950, 2950 III	64GB	8	8GB	A2257179, A2257233	DRL667FB/8GB	2
				16GB ¹⁾	A2257216, A2257246	DRL667FBQ/16GB	2
Install DIMMs in matched pairs. Valid configurations are two, four, or eight DIMMs. For optimum performance all four or eight DIMMs should be identical (capacity, speed, etc). Memory sparing and memory mirroring require eight and all must be identical.							
¹⁾ 8GB Quad-Rank DIMMs require BIOS V2.3.1 or later.							
PowerEdge	M600	64GB	8	8GB	A2257185	DRL667FB/8GB	2
				16GB ¹⁾	A2257247	DRL667FBQ/16GB	2
¹⁾ 8GB Quad-Rank DIMMs require BIOS V1.2.2 or later.							
PowerEdge	M605	64GB	8	8GB	A2257193	DRL667R/8GB	2
				16GB	A2257239	DRL667RQ/16GB	2
				4GB	A2408013	DRL800R2/4GB	2
				8GB	A2408014	DRL800R/8GB	2
Install DIMMs in matched pairs; 4 DIMM slots per processor.							
PowerEdge	R410, R510, T410	64GB ¹⁾	8	2GB		DRL1333U/2GB	1
				4GB		DRL1333R/4GB	1
				4GB		DRL1066RQ/4GB	1
				8GB		DRL1066R/8GB	1
				8GB	Not Offered by Dell	DRL1333R/8GB	1
Systems feature 1 or 2 processors each controlling 2 memory "channels" of 2 DIMM slots each. For best performance balance the total memory capacity equally between both CPUs. Overall memory speed is dependent upon the processor model and memory configuration: 1 DIMM per channel enables memory speed of 1333MHz; 2 DIMMs per channel reduces speed to 1066MHz; maximum speed with quad-rank DIMMs is 1066MHz with 1 DIMM per channel and 800MHz with 2 DIMMs per channel.							
PowerEdge	M610, T610	96GB ¹⁾	12	2GB	A2626068, ...063, ...073	DRL1333U/2GB	1
				2GB	A2626069, ...064, ...074	DRL1333R/2GB	1
				4GB	A2626067, ...060, ...072	DRL1333R/4GB	1
				4GB	Not Offered by Dell	DRL1066RQ/4GB	1
				8GB	Not Offered by Dell	DRL1066R/8GB	1
				8GB	Not Offered by Dell	DRL1333R/8GB	1
Systems feature 1 or 2 processors each controlling 3 memory "channels" of 2 DIMM slots each. For best performance balance the total memory capacity equally between both CPUs. Overall memory speed is dependent upon the processor model and memory configuration: 1 DIMM per channel enables memory speed of 1333MHz; 2 DIMMs per channel reduces speed to 1066MHz; maximum speed with quad-rank DIMMs is 1066MHz with 1 DIMM per channel and 800MHz with 2 DIMMs per channel.							

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FAMILY	MODEL	MAX	SLOTS	CAPACITY	MFG #	DATARAM #	BOARDS
PowerEdge ¹⁾ 48GB maximum using Unbuffered memory; 96GB using Registered memory.	C6100	96GB ¹⁾	12	2GB		DRL1333U/2GB	1
				2GB		DRL1333R/2GB	1
				4GB		DRL1333R/4GB	1
				4GB		DRL1066RQ/4GB	1
				8GB		DRL1066R/8GB	1
				8GB		DRL1333R/8GB	1
<p>Systems feature 1 or 2 processors each controlling 3 memory "channels" of 2 DIMM slots each. For best performance balance the total memory capacity equally between both CPUs. Overall memory speed is dependent upon the processor model and memory configuration: 1 DIMM per channel enables memory speed of 1333MHz; 2 DIMMs per channel reduces speed to 1066MHz; maximum speed with quad-rank DIMMs is 1066MHz with 1 DIMM per channel and 800MHz with 2 DIMMs per channel.</p>							
PowerEdge ¹⁾ 48GB (12 slots) maximum using Unbuffered memory; 144GB using Registered memory.	C1100, C2100	144GB ¹⁾	18	2GB		DRL1333U/2GB	1
				2GB	A3597106	DRL1333R/2GB	1
				4GB	A3597110	DRL1333R/4GB	1
				4GB	A3597109	DRL1066RQ/4GB	1
				8GB	A3597108	DRL1066R/8GB	1
				8GB		DRL1333R/8GB	1
<p>Systems feature 1 or 2 processors each controlling 3 memory "channels" of 3 DIMM slots each. For best performance balance the total memory capacity equally between both CPUs. Overall memory speed is dependent upon the processor model and memory configuration: 1 DIMM per channel enables memory speed of 1333MHz; 2 DIMMs per channel reduces speed to 1066MHz; 3 DIMMs per channel reduces speed to 800MHz for single or dual-rank DIMMs; maximum speed with quad-rank DIMMs is 1066MHz with 1 DIMM per channel and 800MHz with 2 DIMMs per channel; 3 quad-rank DIMMs are not supported.</p>							
PowerEdge ¹⁾ 24GB maximum using Unbuffered memory; 192GB using Registered memory.	R610	192GB ¹⁾	12	2GB	A2626068, ...063, ...073	DRL1333U/2GB	1
				2GB	A2626069, ...064, ...074	DRL1333R/2GB	1
				4GB	A2626067, ...060, ...072	DRL1333R/4GB	1
				4GB	Not Offered by Dell	DRL1066RQ/4GB	1
				8GB	Not Offered by Dell	DRL1066R/8GB	1
				8GB	Not Offered by Dell	DRL1333R/8GB	1
				16GB	A3138306	DRL1066RQ/16GB	1
<p>Systems feature 1 or 2 processors each controlling 3 memory "channels" of 2 DIMM slots each. For best performance balance the total memory capacity equally between both CPUs. Overall memory speed is dependent upon the processor model and memory configuration: 1 DIMM per channel enables memory speed of 1333MHz; 2 DIMMs per channel reduces speed to 1066MHz; maximum speed with quad-rank DIMMs is 1066MHz with 1 DIMM per channel and 800MHz with 2 DIMMs per channel.</p>							
PowerEdge ¹⁾ 24GB (12 slots) maximum using Unbuffered memory; 144GB using Registered memory.	M710, T710	144GB ¹⁾	18	2GB	A2626077, A2626094	DRL1333U/2GB	1
				2GB	A2626090, A2626095	DRL1333R/2GB	1
				4GB	A2626076, A2626093	DRL1333R/4GB	1
				4GB	Not Offered by Dell	DRL1066RQ/4GB	1
				8GB	Not Offered by Dell	DRL1066R/8GB	1
				8GB	Not Offered by Dell	DRL1333R/8GB	1
<p>Systems feature 1 or 2 processors each controlling 3 memory "channels" of 3 DIMM slots each. For best performance balance the total memory capacity equally between both CPUs. Overall memory speed is dependent upon the processor model and memory configuration: 1 DIMM per channel enables memory speed of 1333MHz; 2 DIMMs per channel reduces speed to 1066MHz; 3 DIMMs per channel reduces speed to 800MHz for single or dual-rank DIMMs; maximum speed with quad-rank DIMMs is 1066MHz with 1 DIMM per channel and 800MHz with 2 DIMMs per channel; 3 quad-rank DIMMs are not supported.</p>							
PowerEdge ¹⁾ 24GB (12 slots) maximum using Unbuffered memory; 192GB using Registered memory.	R710	192GB ¹⁾	18	2GB	A2626077, A2626094	DRL1333U/2GB	1
				2GB	A2626090, A2626095	DRL1333R/2GB	1
				4GB	A2626076, A2626093	DRL1333R/4GB	1
				4GB	Not Offered by Dell	DRL1066RQ/4GB	1
				8GB	Not Offered by Dell	DRL1066R/8GB	1
				8GB	Not Offered by Dell	DRL1333R/8GB	1
<p>Systems feature 1 or 2 processors each controlling 3 memory "channels" of 3 DIMM slots each. For best performance balance the total memory capacity equally between both CPUs. Overall memory speed is dependent upon the processor model and memory configuration: 1 DIMM per channel enables memory speed of 1333MHz; 2 DIMMs per channel reduces speed to 1066MHz; 3 DIMMs per channel reduces speed to 800MHz for single or dual-rank DIMMs; maximum speed with quad-rank DIMMs is 1066MHz with 1 DIMM per channel and 800MHz with 2 DIMMs per channel; 3 quad-rank DIMMs are not supported.</p>							
NEW	PowerEdge	R715	256GB	16	2GB	DRL1333R/2GB	1
					4GB	DRL1333R/4GB	1
					8GB	DRL1333R/8GB	1
					16GB	DRL1066RQ/16GB	1
PowerEdge	M805	128GB ¹⁾	16	8GB	A2018596, A2018597	DRL667R/8GB	2
				4GB	A2408004	DRL800R2/4GB	2
				8GB	A2408005	DRL800R/8GB	2
<p>¹⁾ 128GB maximum with the release of 8GB DIMMs.</p>							
PowerEdge	M905	192GB ¹⁾	24	8GB	A2018596, A2018597	DRL667R/8GB	2
				4GB	A2408006	DRL800R2/4GB	2
				8GB	A2408007	DRL800R/8GB	2
<p>¹⁾ 192GB maximum with the release of 8GB DIMMs.</p>							
PowerEdge	2900, 2900 III	96GB	12	8GB	A2257181	DRL667FB/8GB	2
				16GB ¹⁾		DRL667FBQ/16GB	2
<p>Install DIMMs in matched pairs. Valid configurations are two, four, eight or twelve DIMMs. For optimum performance all twelve DIMMs should be identical (capacity, speed, etc). Memory sparing and memory mirroring require eight or twelve DIMMs, and all must be identical.</p>							
<p>¹⁾ 8GB Quad-Rank DIMMs require BIOS V2.3.1 or later.</p>							

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PowerEdge	6800, 6850	64GB	16 ¹⁾	2GB		DRL2850S/2GB	1 ²⁾
				4GB		DRL2850D/4GB	1 ²⁾
¹⁾ Memory is installed on 1 to 4 riser cards. Each riser card has 4 DIMM slots arranged in 2 banks. ²⁾ DIMMs must be ordered and installed in matched pairs. If using both single and dual rank DIMMs, the dual rank DIMMs must be installed in the first bank. The DRL2850S/2GB is single-rank. The DRL2850D/4GB is dual-rank.							
PowerEdge	R805	128GB	16	8GB	A2257197	DRL667R/8GB	2
				16GB	A2257199	DRL667R/16GB	2
				4GB	A2407997	DRL800R2/4GB	2
				8GB	A2407998	DRL800R/8GB	2
Install DIMMs in matched sets of four. 8 DIMM slots per processor. Quad-Rank DIMMs are not supported.							
NEW	PowerEdge	R815	512GB	32	2GB	DRL1333R/2GB	1
					4GB	DRL1333R/4GB	1
					8GB	DRL1333R/8GB	1
					16GB	DRL1066RQ/16GB	1
PowerEdge	R900	256GB	32	8GB	A2257184	DRL667FB/8GB	2
				16GB	A2257217	DRL667FBQ/16GB	2
PowerEdge	6950	128GB	16	8GB	A2257191	DRL667R/8GB	2
				16GB	A2257240	DRL667RQ/16GB	2
Install DIMMs in matched pairs; 4 DIMM slots per processor. 8GB Quad-Rank DIMMs require BIOS 1.2.12 or later. 8GB Quad-Rank DIMMs and all memory installed with them are clocked down to 533MHz.							
PowerEdge	R905	256GB	32	8GB	A2257198	DRL667R/8GB	2
				16GB	A2257200	DRL667R/16GB	2
				4GB	A2407999	DRL800R2/4GB	2
				8GB	A2408000	DRL800R/8GB	2
Install DIMMs in matched pairs. 8 DIMM slots per processor.							
PowerEdge	R810, M910	512GB	32	4GB		DRL1066RQ/4GB	1
				8GB		DRL1066RQ8/8GB	1
				16GB		DRL1066RQ/16GB	1
PowerEdge	R910	1TB	64	4GB		DRL1066RQ/4GB	1
				8GB		DRL1066RQ8/8GB	1
				16GB		DRL1066RQ/16GB	1
WORKSTATIONS							
Precision	T3500	24GB	6	2GB	A2626062	DRL1333U/2GB	1
				4GB	A2626089	DRL1333U/4GB	1
Precision	R5400	32GB	4	8GB	A2146192	DRL667FB/8GB	2
				16GB	A2146205	DRL667FBQ/16GB	2
Precision	T5400	32GB	8	8GB	A2257183	DRL667FB/8GB	2
Precision	T5500	72GB ¹⁾	9	2GB	A2626099	DRL1333U/2GB	1
				1GB	A2626852	DRL1333R/1GB	1
				2GB	A2626079	DRL1333R/2GB	1
				4GB	A2626098	DRL1333R/4GB	1
				4GB	Not Offered by Dell	DRL1066RQ/4GB	1
				8GB	Not Offered by Dell	DRL1066R/8GB	1
8GB	Not Offered by Dell	DRL1333R/8GB	1				
Although these are DDR3-1333 and DDR3-10600 memory options, the speed at which they operate is dependent upon the processor model and memory configuration.							
Precision	T7400	128GB ¹⁾	16 ¹⁾	8GB	A2257182	DRL667FB/8GB	2
¹⁾ 64GB using 8 slots on main board; 128GB using 16 slots with optional riser cards (ordered at time of system purchase only).							
Precision	T7500	192GB ¹⁾	12	2GB	A2626084	DRL1333U/2GB	1
				1GB	A2626756	DRL1333R/1GB	1
				2GB	A2626086	DRL1333R/2GB	1
				4GB	A2626083	DRL1333R/4GB	1
				4GB	Not Offered by Dell	DRL1066RQ/4GB	1
				8GB	Not Offered by Dell	DRL1066R/8GB	1
				8GB	Not Offered by Dell	DRL1333R/8GB	1
16GB		DRL1066RQ/16GB	1				
Systems feature 1 or 2 processors each controlling 3 memory "channels" of 2 DIMM slots each. For best performance balance the total memory capacity equally between both CPUs. Overall memory speed is dependent upon the processor model and memory configuration: 1 DIMM per channel enables memory speed of 1333MHz; 2 DIMMs per channel reduces speed to 1066MHz; maximum speed with quad-rank DIMMs is 1066MHz with 1 DIMM per channel and 800MHz with 2 DIMMs per channel.							
Precision	490	64GB	8	8GB	A2257232	DRL667FB/8GB	2
Install DIMMs in matched pairs.							
Precision	690 (750W Model)	32GB	8	8GB	A2257178	DRL667FB/8GB	2
Install DIMMs in matched pairs. For optimum performance install in groups of four identical DIMMs.							
Precision	690 (1KW Model)	64GB	16 ¹⁾	8GB	A2257178	DRL667FB/8GB	2
¹⁾ DIMMs are installed on four riser cards and DIMMs must be installed on these cards in sets of four identical DIMMs, one on each riser card.							