

DATARAM MEMORY PRODUCTS FOR IBM SYSTEMS

IBM

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FAMILY	MODEL	MAX	SLOTS	CAPACITY	MFG #	DATARAM #	BOARDS
POWER SYSTEMS (System p, System i)							
pSeries 615	7029-6C3, 7029-6E3	16GB	8	4GB	4448, 4445	DRI615/4096	4
				8GB	4449	DRI615/8192	4
System p5 505/505Q	9115-505	32GB	8	2GB	1931	DRI550D2/2GB	2 ¹⁾
				4GB	1932	DRI550D2/4GB	2 ¹⁾
				8GB	1934	DRI550D2/8GB	2 ¹⁾
¹⁾ DIMMs must be installed in matched groups of fours (quads) for best performance.							
System p5 510/510Q	9110-51A	32GB	8	2GB	1931	DRI550D2/2GB	2 ¹⁾
				4GB	1932	DRI550D2/4GB	2 ¹⁾
				8GB	1934	DRI550D2/8GB	2 ¹⁾
¹⁾ DIMMs must be installed in matched groups of fours (quads) for best performance.							
eServer p5 510	9110-510	32GB	8 ¹⁾	4GB	4448, 4445	DRI615/4096	4
				8GB	4449	DRI615/8192	4
				16GB	4450	DRI550/16GB	4
¹⁾ System supports one IBM Processor Card containing 8 DIMM slots.							
Power 520	9407-M15	16GB	4	8GB	4523	DRI520P6/8GB	2
Memory is added in pairs. All DIMMs must be of the same capacity.							
Power 520	9408-M25	32GB	4	8GB	4523	DRI520P6/8GB	2
				16GB	4524	DRI520P6/16GB	2
Memory is added in pairs. All DIMMs must be of the same capacity.							
Power 520	8203-E4A	64GB	8 ¹⁾	8GB	4523	DRI520P6/8GB	2
				16GB	4524	DRI520P6/16GB	2
¹⁾ Models with one single-core processor use 4 DIMM slots, support 16GB maximum and cannot utilize 16GB kits.							
Models with one dual-core processor use 4 DIMM slots and support 32GB maximum. 4-core models use 8 DIMM slots, 64GB maximum.							
Models with two dual-core processors use 8 DIMM slots (4 per processor) and support 64GB maximum.							
All DIMMs per processor must be of the same capacity. For optimum performance balance the memory equally across both processors.							
Power 550	9409-M50	128GB	16 ¹⁾	8GB	4523	DRI520P6/8GB	2
				16GB	4524	DRI520P6/16GB	2
¹⁾ Memory is installed on 1 or 2 processor cards, each having 8 DIMM slots.							
Memory is added in pairs. All DIMMs on a processor card must be the same capacity.							
Power 550	8204-E8A	256GB	32 ¹⁾	8GB	4523	DRI520P6/8GB	2
				16GB	4524	DRI520P6/16GB	2
¹⁾ Memory is installed on 1 to 4 processor cards, each having 8 DIMM slots. DIMMs must be added in matched sets of 2, 4, or 8.							
a processor card must be the same capacity. Distribute memory evenly across all processor cards in the system for best performance.							
System p5 520/520Q	9131-52A	32GB	8	2GB	1931	DRI550D2/2GB	2 ¹⁾
				4GB	1932	DRI550D2/4GB	2 ¹⁾
				8GB	1934	DRI550D2/8GB	2 ¹⁾
¹⁾ DIMMs must be installed in matched groups of fours (quads) for best performance.							
eServer p5 520	9111-520	32GB	8 ¹⁾	4GB	4448, 4445	DRI615/4096	4
				8GB	4449	DRI615/8192	4
				16GB	4450	DRI550/16GB	4
¹⁾ System supports one IBM Processor Card containing 8 DIMM slots.							
System p5 550/550Q	9133-55A	64GB	16 ¹⁾	2GB	1931	DRI550D2/2GB	2 ²⁾
				4GB	1932	DRI550D2/4GB	2 ²⁾
				8GB	1934	DRI550D2/8GB	2 ²⁾
¹⁾ System supports a maximum of 2 IBM Processor/Memory Cards.							
²⁾ DIMMs must be installed in matched groups of fours (quads) for best performance.							
eServer p5 550	9113-550	64GB	16 ¹⁾	4GB	4448, 4445	DRI615/4096	4
				8GB	4449	DRI615/8192	4
				16GB	4450	DRI550/16GB	4
¹⁾ System supports two IBM Processor Cards each containing 8 DIMM slots.							
System p5 560Q	9116-561	128GB	16 ¹⁾	2GB	1931	DRI550D2/2GB	2 ²⁾
				4GB	1932	DRI550D2/4GB	2 ²⁾
				8GB	1934	DRI550D2/8GB	2 ²⁾
¹⁾ System features a 4U drawer as its basic building block and up to two drawers are supported in a single rack.							
Each drawer supports two IBM Processor/Memory Cards, each containing one or two processors and 8 DIMM slots.							
²⁾ DIMMs must be installed in matched groups of fours (quads) for best performance.							
pSeries 630	7028-6C4, 7028-6E4	32GB	2 ¹⁾	4GB	4453, 4490	DRI630/4096	4
				8GB	4454	DRI630/8192	4
¹⁾ Memory is installed on 1 or 2 processor cards, each supporting 1 or 2 processors. Each processor card contains 8 DIMM slots. DIMMs must be added in sets of 4 identical modules. For 4-way configurations memory should be balanced across both processor cards for the best performance.							
System p5 570	9117-570	512GB	64 ¹⁾	8GB	7894	DRI575D2/8GB	4
(with POWER5+ Processors & DDR2 Memory)				16GB	4497	DRI570D2/16GB	4
¹⁾ Memory is installed on 2 or 8 IBM Processor Cards each containing 8 DDR2 DIMM slots. Balance memory across processors for best performance.							
²⁾ 32GB kits are supported on 2.2GHz processor cards only & except for IBM's FC4499 cannot be mixed with any other capacity on the same card.							

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FAMILY	MODEL	MAX	SLOTS	CAPACITY	MFG #	DATARAM #	BOARDS	
eServer p5 570 (with POWER5 Processors)	9118-570	512GB	64 ¹⁾	4GB	4490	DRI630/4096	4	
				8GB	4454	DRI630/8192	4	
				16GB	4491	DRI570/16GB	4	
				32GB	4492	DRI570/32GB	4	
¹⁾ Memory is installed on 2 or 8 IBM Processor Cards each containing 8 DIMM slots. DDR1 memory is supported on 1.5 GHz processor cards (#7834), 1.65 GHz processor cards (#7830), and 1.9 GHz processor cards (#7832). DDR2 memory is supported on 1.9 GHz processor cards (#7833), 1.9 GHz processor card (#7782), and 2.2 GHz processor card (#8338). The 4GB, 8GB, or 16GB memory kits cannot be used with the 32GB memory kit. All DIMMs in a 570 system must use the same memory technology, either DDR1 or DDR2. IBM & Dataram options listed are DDR1 type memory.								
System p5 575 (with POWER5+ Processors & DDR2 Memory)	9118-575	256GB	64	8GB	7894	DRI575D2/8GB	4	
eServer p5 575 (with POWER5 Processors)	9118-575	256GB	64	4GB	4490	DRI630/4096	4	
				8GB	4454	DRI630/8192	4	
				16GB	4491	DRI570/16GB	4	
All memory listed above is DDR1. The p5-575 with POWER5 processors uses DDR1 type DIMMs. The p5-575 with POWER5+ processors uses DDR2 type DIMMs. Dataram does not offer DDR2 type memory for the p5 575.								
pSeries 650	7038-6M2	64GB	4 ¹⁾	4GB	4453, 4490	DRI630/4096	4	
				8GB	4454	DRI630/8192	4	
¹⁾ Memory is installed on 1 to 4 processor cards, each supporting 1 or 2 processors. Each processor card contains 8 DIMM slots. DIMMs must be added in sets of 4 identical modules. Each processor card must have an equal amount of memory installed.								
NEW	Power 750 Express	8233-E8B	512GB	32	8GB 4526	DRI750/8GB	2	
					16GB 4527	DRI750/16GB	2	
					32GB 4528	DRI750/32GB	2	
<i>Memory is installed on 1 to 4 processor cards, each having 8 DIMM slots. Valid configurations are 2, 4, or 8 identical capacity DIMMs on each card. Keeping the memory configurations identical across all cards provides best performance.</i>								
NEW	Power 755	8236-E8C	256GB	32	8GB 4526	DRI750/8GB	2	
					16GB 4527	DRI750/16GB	2	
<i>The Power 755 comes standard with 4 processor cards, each having 8 DIMM slots. Valid configurations are 2, 4, or 8 identical capacity DIMMs on each card. Keeping the memory configurations identical across all cards provides best performance.</i>								
BLADES								
NEW	BladeCenter PS700	8406	64GB	8	4GB 8208	DRI700PS/8GB	2	
	BladeCenter PS701	8406	128GB	16	4GB 8208	DRI700PS/8GB	2	
	BladeCenter PS702	8406	256GB	32	4GB 8208	DRI700PS/8GB	2	
BladeCenter HS12	8014-xxx, 8028-xxx	24GB	6	8GB	46C0513	DRILS41-6/8GB	2	
BladeCenter HS20	8843-xxx	16GB	4	4GB	39M5815, 73P4792	DRIX346S/4GB	2	
				8GB	30R5145	DRIX346D/8GB	2	
The server supports single- and dual-rank DIMMs. If using both types, the dual-rank DIMMs must be installed in slots 1 and 2. The 2GB and 4GB upgrades contain single-rank DIMMs; the 8GB upgrade contains dual-rank DIMMs.								
BladeCenter HS20	7981-xFU	16GB	4	4GB	39M5815, 73P4792	DRIX346S/4GB	2	
				8GB	30R5145	DRIX346D/8GB	2	
The server supports single- and dual-rank DIMMs. If using both types, the dual-rank DIMMs must be installed in slots 1 and 2. The 2GB and 4GB upgrades contain single-rank DIMMs; the 8GB upgrade contains dual-rank DIMMs.								
BladeCenter HS21	8853-xxx	64GB ¹⁾	8	8GB	39M5797	DRIX3650/8GB	2	
				16GB	46C7577	DRIX3650Q/16GB	2	
				4GB	46C7419	DRIX3650LP/4GB	2	
				8GB	46C7420	DRIX3650LP/8GB	2	
DIMMs within a bank must be identical. ¹⁾ Up to 64GB is achieved by populating all four DIMM slots with 4 x 8GB DIMMs and selecting the IBM BladeCenter Memory and I/O Expansion Blade (42C1600) which adds an additional four DIMM slots. Dataram recommends updating to the latest BIOS version (V1.15 or later) for the support of 4R 8GB DIMMs (46C7577, DRIX3650Q/16GB) and Low-Power options (46C74xx, DRIX3650LP/xxx)								
BladeCenter HS21	8864-xxx	32GB ¹⁾	4	8GB	39M5797	DRIX3650/8GB	2	
¹⁾ Up to 32GB is achieved by populating all four DIMM slots with 4 x 4GB DIMMs and selecting the IBM BladeCenter Memory and I/O Expansion Blade (42C1600) which adds an additional four DIMM slots.								
BladeCenter HS21 XM	7995-xxx	64GB	8	8GB	39M5797	DRIX3650/8GB	2	
				16GB	46C7577	DRIX3650Q/16GB	2	
				4GB	46C7419	DRIX3650LP/4GB	2	
				8GB	46C7420	DRIX3650LP/8GB	2	
DIMMs within a bank must be identical. Dataram recommends updating to the latest BIOS version (V1.15 or later) for the support of 4R 8GB DIMMs (46C7577, DRIX3650Q/16GB) and Low-Power options (46C74xx, DRIX3650LP/xxx)								
NEW	BladeCenter HS22	7870	96GB	12	2GB	44T1487, 49Y1429	DRIHS22/2GB	1
					4GB	44T1488, 49Y1430	DRIHS22/4GB	1
					8GB	44T1579	DRIHS22/8GB	1
					8GB	46C7451, 49Y1431	DRIHS22-13/8GB	1
					(1.35V)	2GB 46C0561	DRIHS22L/2GB	1
					(1.35V)	8GB 46C0569	DRIHS22L/8GB	1
<i>Models with the Intel Xeon 5600 Series processor support low-power DIMMs that can operate at 1.35 V.</i>								

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N E W	BladeCenter HS22V	7871	144GB	18	2GB	44T1487, 49Y1429	DRIHS22/2GB	1	
					4GB	44T1488, 49Y1430	DRIHS22/4GB	1	
					8GB	46C7451, 49Y1431	DRIHS22-13/8GB	1	
					(1.35V) 2GB	46C0561	DRIHS22L/2GB	1	
					(1.35V) 8GB	46C0569	DRIHS22L/8GB	1	
<i>Models with the Intel Xeon 5600 Series processor support low-power DIMMs that can operate at 1.35 V.</i>									
N E W	BladeCenter HX5	7872	128GB	16	4GB	44T1596	DRIHX5/4GB	1	
	<i>Memory must be installed in pairs of identical DIMMs</i>								
	BladeCenter JS12	7998-60X	64GB	8	8GB	8239	DRIJS12/8GB	2	
	BladeCenter JS21	7988-xxx	16GB	4	4GB	8387, 41Y2715	DRIJS21-5/4GB	2	
					8GB	8388, 41Y2723	DRIJS21-5/8GB	2	
	BladeCenter JS21	8844-xxx	16GB	4	4GB ¹⁾	8387, 41Y2715	DRIJS21-5/4GB	2	
					8GB ¹⁾	8388, 41Y2723	DRIJS21-5/8GB	2	
					4GB ²⁾	39M5815, 73P4792	DRIX346S/4GB	2	
	BladeCenter JS22	7998-61X	32GB	4	8GB	8234	DRIJS22/8GB	2	
					16GB	8235	DRIJS22/16GB	2	
	BladeCenter JS23	7778-23X	64GB	8	8GB	8239	DRIJS12/8GB	2	
	BladeCenter JS43	7778-23X	128GB	16	8GB	8239	DRIJS12/8GB	2	
	BladeCenter LS21	7971-xxx	64GB	8	8GB	46C0513	DRIJS12/8GB	2	
	BladeCenter LS41	7972-xxx	128GB ¹⁾	16	8GB	46C0513	DRILS41-6/8GB	2	
	¹⁾ 16 slots, 128GB max with the optional multi-processor expansion (MPE) unit; otherwise 8 slots, 64GB max.								
	BladeCenter LS22	7901	64GB	8	8GB	46C7524	DRILS42-6/8GB	2	
					8GB	46C7525	DRILS42-8/8GB	2	
	BladeCenter LS42	7902	128GB ¹⁾	16	8GB	46C7524	DRILS42-6/8GB	2	
					8GB	46C7525	DRILS42-8/8GB	2	
	¹⁾ 16 slots, 128GB max with the optional multi-processor expansion (MPE) unit; otherwise 8 slots, 64GB max.								
SYSTEM X (XSERIES) SERVERS									
	System x	6380, 7321, 7323	192GB	16	1GB	44T1480	DRIX1333R/1GB	1	
	iDataPlex dx360 M2				2GB	44T1481	DRIX1333RD/2GB	1	
					2GB	44T1482	DRIX1333RS/2GB	1	
					4GB	44T1483	DRIX1333R/4GB	1	
					8GB	46C7449	DRIX1333R/8GB	1	
					16GB	Not Offered by IBM	DRIX1066RQ/16GB	1	
N E W	System x	6385, 6386, 6391	192GB ¹⁾	16	2GB	49Y1433, 44T1481	DRIX1333RD/2GB	1	
	iDataPlex dx360 M3				2GB	49Y1434, 44T1482	DRIX1333RS/2GB	1	
					4GB	49Y1435, 44T1483	DRIX1333R/4GB	1	
					8GB	49Y1436, 46C7449	DRIX1333R/8GB	1	
					16GB	Not Offered by IBM	DRIX1066RQ/16GB	1	
					(1.35V) 4GB	49Y1394	DRIX1333RL/4GB	1	
					(1.35V) 8GB	49Y1397	DRIX1333RL/8GB	1	
				(1.35V) 8GB	49Y1398	DRIX1066RL/8GB	1		
<i>Low-voltage DIMMs (1.35V) will only operate at 1.35V if used in models with Intel Xeon 5600 Series CPUs and not mixed with standard-voltage DIMMs (1.5V). Consult your owners manual or Dataram Technical Support for assistance.</i>									
	System x3200 M3	7327, 7328	32GB	6	2GB	44T1569	DRIX1333U/2GB	1	
					1GB	44T1480	DRIX1333R/1GB	1	
					2GB	44T1481	DRIX1333RD/2GB	1	
					4GB	46C7448	DRIX1066RQ/4GB	1	
					4GB	44T1599	DRIX1333R2/4GB	1	
					8GB	46C7482	DRIX1066RQ/8GB	1	
The system supports either Unbuffered or Registered ECC memory. Do not mix the two types. Only 4 slots are available for use with Unbuffered DIMMs. Only 4 slots are available for use with Registered Quad-Rank DIMMs.									
	System x3250 M3	4251, 4252	32GB	6	2GB	44T1569	DRIX1333U/2GB	1	
					1GB	44T1480	DRIX1333R/1GB	1	
					2GB	44T1481	DRIX1333RD/2GB	1	
					4GB	46C7448	DRIX1066RQ/4GB	1	
					4GB	44T1599	DRIX1333R2/4GB	1	
					8GB	46C7482	DRIX1066RQ/8GB	1	
The system supports either Unbuffered or Registered ECC memory. Do not mix the two types. Only 4 slots are available for use with Unbuffered DIMMs. Only 4 slots are available for use with Registered Quad-Rank DIMMs.									
	System x3400	7973-xxx, 7974-xxx	32GB	8	4GB	46C7419	DRIX3650LP/4GB	2	
		7975-xxx, 7976-xxx			8GB	39M5797	DRIX3650/8GB	2	
	DIMMs within a bank must be identical.				8GB	46C7420	DRIX3650LP/8GB	2	
IBM's 46C74xx and Dataram's DRIX3650LP/xxx are low-power options and may require a BIOS update.									
	System x3400 M2	7836, 7837	192GB	12	1GB	44T1480	DRIX1333R/1GB	1	
					2GB	44T1481	DRIX1333RD/2GB	1	
					2GB	44T1482	DRIX1333RS/2GB	1	
					4GB	44T1483	DRIX1333R/4GB	1	
					8GB	46C7449	DRIX1333R/8GB	1	
					16GB	Not Offered by IBM	DRIX1066RQ/16GB	1	

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NEW	System x3400 M3	7378, 7379	192GB ¹⁾	16	2GB 44T1569	DRIX1333U/2GB	1
					2GB 49Y1433, 44T1481	DRIX1333RD/2GB	1
					2GB 49Y1434, 44T1482	DRIX1333RS/2GB	1
					4GB 49Y1435, 44T1483	DRIX1333R/4GB	1
					8GB 49Y1436, 46C7449	DRIX1333R/8GB	1
					16GB Not Offered by IBM	DRIX1066RQ/16GB	1
					(1.35V) 4GB 49Y1394	DRIX1333RL/4GB	1
					(1.35V) 8GB 49Y1397	DRIX1333RL/8GB	1
					(1.35V) 8GB 49Y1398	DRIX1066RL/8GB	1
					Low-voltage DIMMs (1.35V) will only operate at 1.35V if used in models with Intel Xeon 5600 Series CPUs and not mixed with standard-voltage DIMMs (1.5V). Consult your owners manual or Dataram Technical Support for assistance.		
	System x3450	7948-xBX, x2X, 54X, 56X, 58X	64GB	16	8GB 39M7597	DRIX3650/8GB	2
	System x3455	7984-xxx, 7986-xxx, 7940-xxx	48GB ¹⁾	12	8GB 41Y2768, 46C7538	DRIX3755/8GB	2
					¹⁾ Dual-processor models support up to 48GB; single processor models support up to 24GB		
	System x3500	7977-xxx	48GB	12	4GB 46C7419	DRIX3650LP/4GB	2
					8GB 39M5797	DRIX3650/8GB	2
					8GB 46C7420	DRIX3650LP/8GB	2
					DIMMs within a bank must be identical.		
					IBM's 46C74xx and Dataram's DRIX3650LP/xxx are low-power options and may require a BIOS update.		
	System x3500 M2	7839	192GB	12	1GB 44T1480	DRIX1333R/1GB	1
					2GB 44T1481	DRIX1333RD/2GB	1
					2GB 44T1482	DRIX1333RS/2GB	1
					4GB 44T1483	DRIX1333R/4GB	1
					8GB 46C7449	DRIX1333R/8GB	1
					16GB Not Offered by IBM	DRIX1066RQ/16GB	1
NEW	System x3500 M3	7380	192GB ¹⁾	16	2GB 44T1569	DRIX1333U/2GB	1
					2GB 49Y1433, 44T1481	DRIX1333RD/2GB	1
					2GB 49Y1434, 44T1482	DRIX1333RS/2GB	1
					4GB 49Y1435, 44T1483	DRIX1333R/4GB	1
					8GB 49Y1436, 46C7449	DRIX1333R/8GB	1
					16GB Not Offered by IBM	DRIX1066RQ/16GB	1
					(1.35V) 4GB 49Y1394	DRIX1333RL/4GB	1
					(1.35V) 8GB 49Y1397	DRIX1333RL/8GB	1
					(1.35V) 8GB 49Y1398	DRIX1066RL/8GB	1
					Low-voltage DIMMs (1.35V) will only operate at 1.35V if used in models with Intel Xeon 5600 Series CPUs and not mixed with standard-voltage DIMMs (1.5V). Consult your owners manual or Dataram Technical Support for assistance.		
	System x3550	7978-xxx	32GB	8	4GB 46C7419	DRIX3650LP/4GB	2
					8GB 39M5797	DRIX3650/8GB	2
					8GB 46C7420	DRIX3650LP/8GB	2
					DIMMs within a bank must be identical.		
					IBM's 46C74xx and Dataram's DRIX3650LP/xxx are low-power options and may require a BIOS update.		
	System x3550 M2	7946	192GB	16	1GB 44T1480	DRIX1333R/1GB	1
					2GB 44T1481	DRIX1333RD/2GB	1
					2GB 44T1482	DRIX1333RS/2GB	1
					4GB 44T1483	DRIX1333R/4GB	1
					8GB 46C7449	DRIX1333R/8GB	1
					16GB Not Offered by IBM	DRIX1066RQ/16GB	1
NEW	System x3550 M3 R2	7944	192GB ¹⁾	18	2GB 49Y1433, 44T1481	DRIX1333RD/2GB	1
					2GB 49Y1434, 44T1482	DRIX1333RS/2GB	1
					4GB 49Y1435, 44T1483	DRIX1333R/4GB	1
					8GB 49Y1436, 46C7449	DRIX1333R/8GB	1
					16GB Not Offered by IBM	DRIX1066RQ/16GB	1
					(1.35V) 4GB 49Y1394	DRIX1333RL/4GB	1
					(1.35V) 8GB 49Y1397	DRIX1333RL/8GB	1
					(1.35V) 8GB 49Y1398	DRIX1066RL/8GB	1
					Low-voltage DIMMs (1.35V) will only operate at 1.35V if used in models with Intel Xeon 5600 Series CPUs and not mixed with standard-voltage DIMMs (1.5V). Consult your owners manual or Dataram Technical Support for assistance.		
		System x3620 M3	7376	96GB	12	2GB 49Y1434	DRIX1333RS/2GB
					2GB 49Y1433	DRIX1333RD/2GB	1
					4GB 49Y1435	DRIX1333R/4GB	1
					8GB 49Y1436	DRIX1333R/8GB	1
					(1.35V) 4GB 49Y1394	DRIX1333RL/4GB	1
					(1.35V) 8GB 49Y1397	DRIX1333RL/8GB	1
					(1.35V) 8GB 49Y1398	DRIX1066RL/8GB	1
					Low-voltage DIMMs (1.35V) will only operate at 1.35V if used in models with Intel Xeon 5600 Series CPUs and not mixed with standard-voltage DIMMs (1.5V). Consult your owners manual or Dataram Technical Support for assistance.		
	System x3650	7979-xxx	48GB	12	4GB 46C7419	DRIX3650LP/4GB	2
					8GB 39M5797	DRIX3650/8GB	2
					8GB 46C7420	DRIX3650LP/8GB	2
					DIMMs within a bank must be identical.		
					IBM's 46C74xx and Dataram's DRIX3650LP/xxx are low-power options and may require a BIOS update.		

DATARAM MEMORY PRODUCTS FOR IBM SYSTEMS

FAMILY	MODEL	MAX	SLOTS	CAPACITY	MFG #	DATARAM #	BOARDS		
System x3650 T	7980-xxx	16GB	6	4GB	39M5815, 73P4792	DRIX346S/4GB	2		
				8GB	30R5145	DRIX346D/8GB	2		
The server supports single- and dual-rank DIMMs. If using both types, the dual-rank DIMMs must be installed first and are not supported in slots 5-6. No more than the equivalent of eight ranks is permitted. The 2GB and 4GB upgrades are single-rank; 8GB is dual-rank.									
System x3650 M2	7947	192GB	16	1GB	44T1480	DRIX1333R/1GB	1		
				2GB	44T1481	DRIX1333RD/2GB	1		
				2GB	44T1482	DRIX1333RS/2GB	1		
				4GB	44T1483	DRIX1333R/4GB	1		
				8GB	46C7449	DRIX1333R/8GB	1		
				16GB	Not Offered by IBM	DRIX1066RQ/16GB	1		
NEW	System x3650 M3	7945	192GB ¹⁾	18	2GB	44T1569	DRIX1333U/2GB	1	
					2GB	49Y1433, 44T1481	DRIX1333RD/2GB	1	
					2GB	49Y1434, 44T1482	DRIX1333RS/2GB	1	
					4GB	49Y1435, 44T1483	DRIX1333R/4GB	1	
					8GB	49Y1436, 46C7449	DRIX1333R/8GB	1	
					16GB	Not Offered by IBM	DRIX1066RQ/16GB	1	
					(1.35V)	4GB 49Y1394	DRIX1333RL/4GB	1	
					(1.35V)	8GB 49Y1397	DRIX1333RL/8GB	1	
					(1.35V)	8GB 49Y1398	DRIX1066RL/8GB	1	
					Low-voltage DIMMs (1.35V) will only operate at 1.35V if used in models with Intel Xeon 5600 Series CPUs and not mixed with standard-voltage DIMMs (1.5V). Consult your owners manual or Dataram Technical Support for assistance.				
System x3655	7985-xxx, 7943-xxx	64GB ¹⁾	16	8GB	41Y2768, 46C7538	DRIX3755/8GB	2		
¹⁾ Dual-processor models support up to 64GB; single processor models support up to 32GB									
NEW	System x3690 X5	7148	512GB	32¹⁾	2GB	44T1481	DRIX1333RD/2GB	1	
					4GB	46C7448	DRIX1066RQ/4GB	1	
					8GB	46C7482	DRIX1066RQ/8GB	1	
					16GB	46C7483	DRIX1066RQ/16GB	1	
¹⁾ The servers support 1 or 2 IBM Memory Expansion Cards (60Y0323), each containing 16 DIMM slots.									
System x3755	8877-xxx, 7163-xxx	256GB	32 ¹⁾	8GB	41Y2768, 46C7538	DRIX3755/8GB	2		
				16GB	Not Offered by IBM	DRIX3755/16GB	2		
¹⁾ The system supports 1 to 4 IBM Processor Cards each having 8 DIMM slots.									
System x3800	8865-xxx	64GB	16 ¹⁾	4GB	39M5815, 73P4792	DRIX346S/4GB	2		
				8GB	30R5145	DRIX346D/8GB	2		
¹⁾ Memory is installed on two to four IBM Memory Cards (13M7409), each containing four DIMM slots. One Card is standard.									
System x3800	8866-xxx	64GB	16 ¹⁾	4GB	39M5815, 73P4792	DRIX346S/4GB	2		
				8GB	30R5145	DRIX346D/8GB	2		
¹⁾ Memory is installed on two to four IBM Memory Cards (41Y5000), each containing four DIMM slots. One or two cards are standard.									
System x3850	8863-xxx, 8864-xxx	64GB	16 ¹⁾	4GB	39M5815, 73P4792	DRIX346S/4GB	2		
				8GB	30R5145	DRIX346D/8GB	2		
¹⁾ Memory is installed on two to four IBM Memory Cards (13M7409 or 41Y5000), each containing four DIMM slots. One or two cards are standard.									
System x3850 M2	7141-xxx, 7233-xxx	256GB	32 ¹⁾	4GB	41Y2771	DRIX3755S/4GB	2		
				8GB	41Y2768, 46C7538	DRIX3755/8GB	2		
				16GB	43V7356	DRIX3755/16GB	2		
¹⁾ Memory is installed on two to four IBM Memory Cards (44E4252), each containing eight DIMM slots. One or two cards are standard.									
System x3850 X5,	7145	1TB	64 ¹⁾	1GB	44T1480	DRIX1333R/1GB	1		
System x3950 X5				2GB	44T1481	DRIX1333RD/2GB	1		
				4GB	46C7448	DRIX1066RQ/4GB	1		
				8GB	46C7482	DRIX1066RQ/8GB	1		
				16GB	46C7483	DRIX1066RQ/16GB	1		
¹⁾ The servers support 1 to 8 IBM Memory Expansion Cards (46M0071), each containing 8 DIMM slots.									
System x3950	8872-xxx, 8874-xxx, 8878-xxx	64GB	16 ¹⁾	4GB	39M5815, 73P4792	DRIX346S/4GB	2		
				8GB	30R5145	DRIX346D/8GB	2		
¹⁾ Memory is installed on two to four IBM Memory Cards (13M7409 or 41Y5000), each containing four DIMM slots. Two Cards are standard.									
System x3950 M2	7141-xxx, 7233-xxx	256GB	32 ¹⁾	4GB	41Y2771	DRIX3755S/4GB	2		
				8GB	41Y2768, 46C7538	DRIX3755/8GB	2		
				16GB	43V7356	DRIX3755/16GB	2		
¹⁾ Memory is installed on two to four IBM Memory Cards (44E4252), each containing eight DIMM slots. One or two cards are standard.									
xSeries 226	8648-xxx, 8848-xxx	16GB	6	4GB	39M5815, 73P4792	DRIX346S/4GB	2		
				8GB	30R5145	DRIX346D/8GB	2		
The server supports single- and dual-rank DIMMs. Dual-rank DIMMs must be installed in slots 1 and 2 and are not supported in slots 3-6. 16GB must be configured as 2 x 4GB and 4 x 2GB DIMMs.									
xSeries 236	8841-xxx	16GB	8	4GB	39M5815, 73P4792	DRIX346S/4GB	2		
				The server supports single- and dual-rank DIMMs. If using both types, the dual-rank DIMMs must be installed first and are not supported in slots 5-8. No more than the equivalent of eight ranks is permitted. All upgrades listed are single-rank.					
xSeries 260	8865-xxx	64GB	16 ¹⁾	4GB	39M5815, 73P4792	DRIX346S/4GB	2		
				8GB	30R5145	DRIX346D/8GB	2		
¹⁾ Memory is installed on two to four IBM Memory Cards (13M7409), each containing four DIMM slots. One Card is standard.									
xSeries 336	8837-xxx	16GB	8	4GB	39M5815, 73P4792	DRIX346S/4GB	2		
				The server supports single- and dual-rank DIMMs. If using both types, the dual-rank DIMMs must be installed first and are not supported in slots 5-8. No more than the equivalent of eight ranks is permitted. All upgrades listed are single-rank.					

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FAMILY	MODEL	MAX	SLOTS	CAPACITY	MFG #	DATARAM #	BOARDS
xSeries 346	8840-xxx	16GB	8	4GB	39M5815, 73P4792	DRIX346S/4GB	2
The server supports single- and dual-rank DIMMs. If using both types, the dual-rank DIMMs must be installed first and are not supported in slots 5-8. No more than the equivalent of eight ranks is permitted. All upgrades listed are single-rank.							
xSeries 366	8863-xxx	64GB	16 ¹⁾	4GB	39M5815, 73P4792	DRIX346S/4GB	2
				8GB	30R5145	DRIX346D/8GB	2
¹⁾ Memory is installed on two to four IBM Memory Cards (13M7409), each containing four DIMM slots. One Card is standard.							
xSeries 460	8872-xxx, 8874-xxx	64GB	16 ¹⁾	4GB	39M5815, 73P4792	DRIX346S/4GB	2
				8GB	30R5145	DRIX346D/8GB	2
¹⁾ Memory is installed on two to four IBM Memory Cards (13M7409), each containing four DIMM slots. Two Cards are standard.							
INTELLISTATION PRO AND POWER WORKSTATIONS							
IntelliStation Z Pro	9228-xxx	32GB	8	8GB	39M5797	DRIX3650/8GB	2
IntelliStation Z Pro	6223-xxx	16GB ¹⁾	6	4GB	39M5815, 73P4792	DRIX346S/4GB	2
¹⁾ Except for a single DIMM in the 1st slot, odd numbered DIMMs are not supported. DIMMs must be installed in matched pairs. If mixing single- and dual-rank DIMM pairs, the dual-rank DIMMs must be installed in slots 1 and 2. No more than the equivalent of eight ranks are supported.							
IntelliStation POWER 275	9114-275	16GB	8	4GB	4448, 4445	DR1615/4096	4
				8GB	4449	DR1615/8192	4
IntelliStation POWER 285 Express	9111-285	32GB	8	2GB	1931	DR1550D2/2GB	2 ¹⁾
				4GB	1932	DR1550D2/4GB	2 ¹⁾
				8GB	1934	DR1550D2/8GB	2 ¹⁾

¹⁾ DIMMs must be installed in matched groups of fours (quads) for best performance.