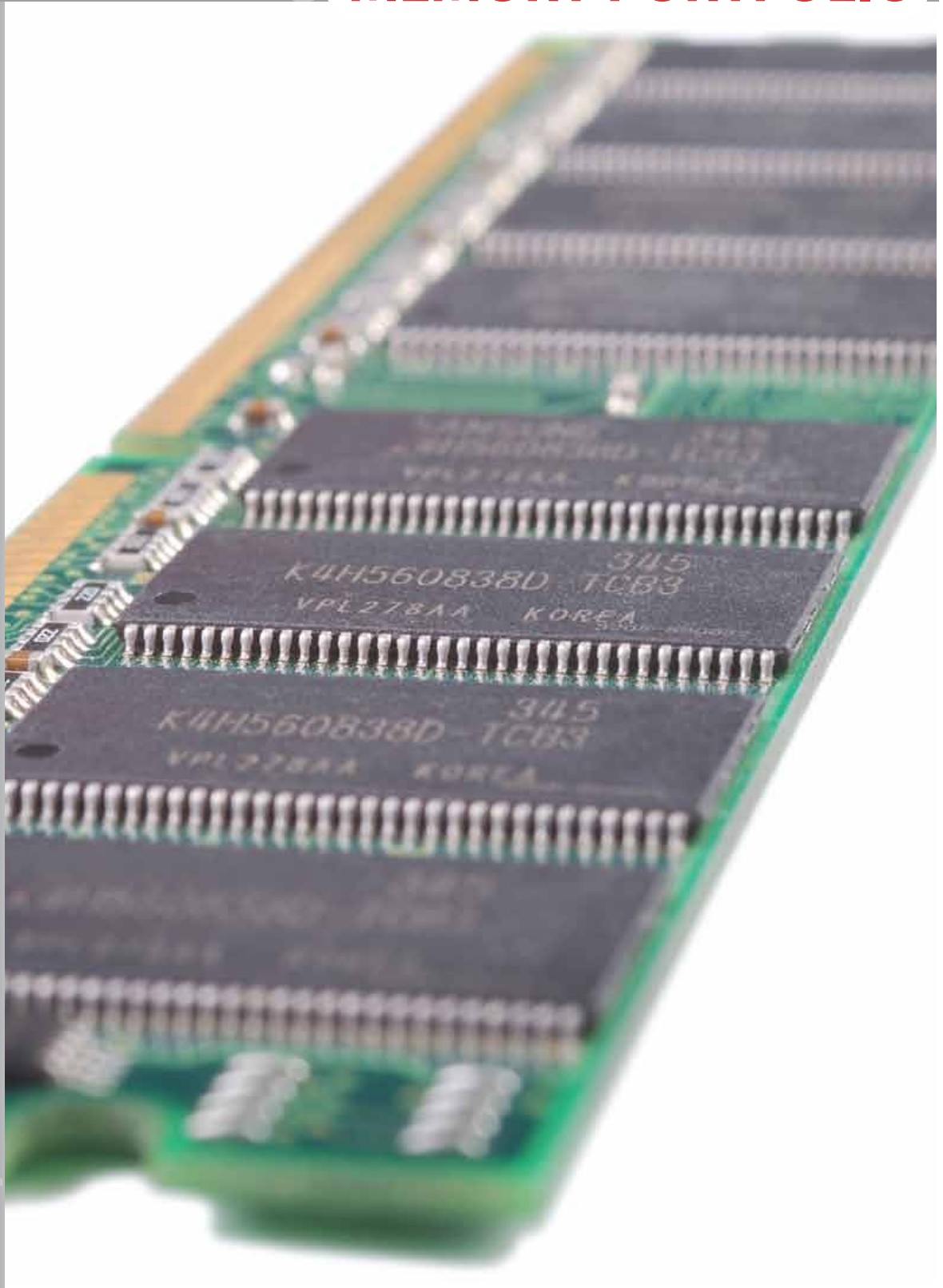


# MEMORY PORTFOLIO

# DR DATARAM

Optimizing Value and Performance



**INTEL/AMD**

Founded in 1967, Dataram is a worldwide leader in the manufacture of high-quality computer memory, storage and software products. Our products and services deliver IT infrastructure optimization, dramatically increase application performance and deliver substantial cost savings. Dataram solutions are deployed in 70 Fortune 100 companies and in mission-critical government and defense applications around the world. For more information about Dataram, visit [www.dataram.com](http://www.dataram.com).

DATARAM MEMORY PRODUCTS



MODEL	MAX	Slots	Description	DRAM / AMB	DATARAM #
<b>Intel</b>					
<i>For the latest product and company news, join our mailing list at <a href="http://dataram.com">dataram.com</a></i>					
<b>Intel Server Boards</b>					
Intel Xeon E5-2600 (Sandy Bridge-EP) 2-way servers			2GB 1Rx8 PC3-12800R-11	Samsung D	DTM64369A <sup>2)</sup>
S2600CP (Canoe Pass)	512GB	16	2GB 1Rx8 PC3-12800R-11	Hynix C	DTM64369C
S2600CO (Copper Pass)	512GB	16	2GB 1Rx8 PC3-12800R-11	Multiple	DTM64369 <sup>2)</sup>
S2600CR (Crown Pass)	512GB	16	<b>4GB 1Rx4 PC3-12800R-11</b>	<b>Multiple</b>	<b>DTM64398</b> <sup>2)</sup>
S2600IP (Iron Pass)	512GB	16	4GB 2Rx8 PC3-12800R-11	Samsung D	DTM64370A <sup>2)</sup>
S2600WP (Washington Pass)	512GB	16	4GB 2Rx8 PC3-12800R-11	Hynix C	DTM64370C
S2600GZ (Grizzly Pass)	768GB	24	4GB 2Rx8 PC3-12800R-11	Multiple	DTM64370 <sup>2)</sup>
			4GB 2Rx8 PC3-12800R-11 VLP	Multiple	DTM64403 <sup>2)</sup>
			8GB 2Rx4 PC3-12800R-11	Samsung D	DTM64378A
			8GB 2Rx4 PC3-12800R-11	Multiple	DTM64378 <sup>2)</sup>
			8GB 2Rx4 PC3-12800R-11 VLP	Multiple	DTM64404 <sup>2)</sup>
			16GB 2Rx4 PC3-12800R-11	Samsung B	DTM64385A
			16GB 2Rx4 PC3-12800R-11	Multiple	DTM64385 <sup>2)</sup>
			8x32GB 4Rx4 PC3L-10600L-9-LRDIMM	Samsung B	DTM64800A <sup>2)</sup>
Intel S2600xx - Unbuffered ECC (2-way)	128GB	24	2GB 1Rx8 PC3-12800E-11	Multiple	DTM64394 <sup>2)</sup>
	128GB	16	4GB 2Rx8 PC3-12800E-11	Multiple	DTM64395 <sup>2)</sup>
			8GB 2Rx8 PC2-12800E-11	Multiple	DTM64396 <sup>2)</sup>
Intel Xeon 5500-5600 2-way server	384GB	12	1GB 1Rx8 PC3-10600R-9	Hynix T	DTM64311F
S5520HC/S5520HCV/S5520HCR/S5520HCVR (Hanlan Creek/Hanlan Creek V)			1GB 1RX8 PC3-8500R-7	Hynix T	DTM64307C
S5520SC/S5520SCR (Shady Cove) (Also accepts UDIMMs-see S5500WB)			2GB 1Rx8 PC3-10600R-9	Hynix C	DTM64360B
			2GB 2Rx8 PC3-10600R-9	Hynix T	DTM64312H
			4GB 2Rx4 PC3-10600R-9	Samsung G	DTM64313I
			4GB 2Rx8 PC3-10600R-9	Hynix C	DTM64328D
			16GB 4Rx4 PC3-8500R-7	Samsung D	DTM64327D
			4GB 2Rx4 PC3L-10600R-9	Samsung F/G	DTM64333B
Intel 5500-5600 2-way server	384GB	12	1GB 1Rx8 PC3-10600R-9	Hynix T	DTM64311F
S5520UR/S5520URR (Urbanna) (Also accepts UDIMMs-see S5500WB)			1GB 1Rx8 PC3-10600R-9 VLP	Hynix T	DTM64383A <sup>2)</sup>
			1GB 1RX8 PC3-8500R-7	Hynix T	DTM64307C
			2GB 1Rx8 PC3-10600R-9	Multiple	DTM64360
			2GB 1Rx8 PC3-10600R-9	Hynix C	DTM64360B
			2GB 2Rx8 PC3-10600R-9	Multiple	DTM64312 <sup>2)</sup>
			2GB 2Rx8 PC3-10600R-9	Hynix T	DTM64312H
			4GB 2Rx8 PC3-10600R-9 VLP	Hynix C	DTM64343B <sup>2)</sup>
			4GB 2Rx4 PC3-10600R-9	Multiple	DTM64313 <sup>2)</sup>
			4GB 2Rx4 PC3-10600R-9	Samsung G	DTM64313I
			4GB 2Rx8 PC3-10600R-9	Multiple	DTM64328 <sup>2)</sup>
			8GB 2Rx4 PC3-10600R-9	Hynix C	DTM64316 <sup>2)</sup>
			8GB 2Rx4 PC3-10600R-9	Samsung D	DTM64316H
			16GB 4Rx4 PC3-8500R-7	Samsung C	DTM64327C
			16GB 4Rx4 PC3-8500R-7	Samsung D	DTM64327D
			16GB 4Rx4 PC3-8500R-7	Multiple	DTM64327 <sup>2)</sup>
			16GB 2Rx4 PC3-10600R-9	Samsung B	DTM64356A
			32GB 4Rx4 PC3-8500R-7	Multiple	DTM64357 <sup>2)</sup>
			4GB 1Rx4 PC3L-10600R-9	Multiple	DTM64341 <sup>2)</sup>
			8GB 2Rx4 PC3L-10600R-9	Multiple	DTM64340 <sup>2)</sup>
			8GB 2Rx4 PC3L-10600R-9-VLP	Samsung D	DTM64339A <sup>2)</sup>
			8GB 2Rx4 PC3L-10600R-9-VLP	Multiple	DTM64339 <sup>2)</sup>
			16GB 2Rx4 PC3L-10600R-9	Multiple	DTM64377 <sup>2)</sup>
S5500HV (Hayden Valley)	192GB	12	1GB 1Rx8 PC3-10600R-9	Hynix T	DTM64311F
SR1680MV(Marble Valley)per node:	288GB	18	2GB 2Rx8 PC3-10600R-9	Hynix T	DTM64312H
			8GB 2Rx4 PC3-10600R-9	Multiple	DTM64316 <sup>2)</sup>
			16GB 2Rx4 PC3-10600R-9	Multiple	DTM64356 <sup>2)</sup>

1) QUAL PENDING  
 2) QUAL NOT PLANNED  
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DATARAM MEMORY PRODUCTS

MODEL	MAX	Slots	Description	DRAM / AMB	DATARAM #
S5500WB (Willow Brook)	32GB	8	1GB 1Rx8 PC3-10600E-9	Hynix T	DTM64322B
S5500BC (Bluff Creek)			2GB 1Rx8 PC3-10600E-9	Multiple	DTM64361
			2GB 2Rx8 PC3-10600E-9	Hynix T	DTM64323B
			4GB 2Rx8 PC3-10600E-9	Multiple	DTM64314
(Also accepts RDIMMs-see S5520UR)			8GB 2Rx8 PC3-10600E-9	Multiple	DTM64380
S7000FC4UR (Fox Cove)	256GB	32	1GB 1Rx8 PC2-5300F-555	Samsung F/IDT	DTM65526C
			2GB 2Rx8 PC2-5300F-555	Samsung F/IDT	DTM65521C
			4GB 4Rx8 PC2-5300F-555-LPwr	Samsung F/IDT-L4	DTM65523C
S5400SF (Shoffner)	128GB	16	1GB 1Rx8 PC2-6400F-555	Samsung F/IDT	DTM65538C
			1GB 1Rx8 PC2-5300F-555	Samsung F/IDT	DTM65526C
			2GB 2Rx8 PC2-5300F-555	Samsung F/IDT	DTM65521C
			2GB 2Rx8 PC2-5300F-555-LPwr	Samsung F/IDT-L4	DTM65536B
			2GB 1Rx4 PC2-5300F-555	Samsung F/IDT-L4	DTM65527E
			4GB 4Rx8 PC2-5300F-555-LPwr	Samsung F/IDT-L4	DTM65523C
S5000PALR (Alcolu),	64GB	8	512MB 1Rx8 PC2-5300F-555	Samsung i / IDT	DTM65506H
S5000PSLR (Star Lake), S5000XVNR (Vernonia)			1GB 1Rx8 PC2-5300F-555	Samsung F/IDT	DTM65526C
			2GB 2Rx8 PC2-5300F-555-LPwr	Samsung F/IDT-L4	DTM65536B
			2GB 2Rx8 PC2-5300F-555	Samsung F/IDT	DTM65521C
			2GB 1Rx4 PC2-5300F-555	Samsung F/IDT-L4	DTM65527E
			4GB 4Rx8 PC2-5300F-555-LPwr	Samsung F/IDT-L4	DTM65523C
			4GB 2Rx4 PC2-5300F-555-LPwr	Samsung F/IDT-L4	DTM65528C
S5000VSAR (Sapello)	16GB	8	1GB 1Rx8 PC2-5300F-555	Samsung F/IDT	DTM65526C
S5000VCLR (Callahan)	12GB	6	2GB 2Rx8 PC2-5300F-555	Samsung F/IDT	DTM65521C
			2GB 1Rx4 PC2-5300F-555	Samsung F/IDT-L4	DTM65527E
			4GB 2Rx4 PC2-5300F-555-LPwr	Samsung F/IDT-L4	DTM65528C
S3420GP (Grosse Point)	32GB	6	1GB 1Rx8 PC3-10600R-9	Hynix T	DTM64311F
			2GB 2Rx8 PC3-10600R-9	Multiple	DTM64312
			2GB 1Rx8 PC3-10600R-9	Hynix C	DTM64360B
			4GB 2Rx8 PC3-10600R-9	Hynix C	DTM64328D
			4GB 2Rx8 PC3-10600R-9 VLP	Hynix C	DTM64343B
			8GB 4Rx8 PC3-8500R-7	Multiple	DTM64330
			2GB 1Rx8 PC3-10600E-9	Hynix C	DTM64361B
			4GB 2Rx8 PC3-10600E-9	Hynix C	DTM64314D
S1200BTL (Beartooth Pass) C204	32GB	4	2GB 1Rx8 PC3-10600E-9	Hynix C	DTM64361B
S1200BTS (Beartooth Pass) C202	32GB	4	4GB 2Rx8 PC3-10600E-9	Hynix C	DTM64314D
			8GB 2Rx8 PC3-10600E-9	Samsung B	DTM64380A
S3200SH/S3210SH (Snow Hill)	8GB	4	1GB 1Rx8 PC2-6400E-555	Samsung F	DTM63393C
			2GB 2Rx8 PC2-6400E-555	Samsung F	DTM63368C
S3000AH (Aspen Hill)	8GB	4	512MB 1Rx16 DDR2-667E-555	Samsung F	DTM63389C
			1GB 1Rx8 PC2-5300E-555	Samsung F	DTM63391C
			2GB 2Rx8 PC2-5300E-555	Samsung F	DTM63344F
SE7230NH1-E (Nob Hill)	8GB	4	1GB 1Rx8 PC2-5300E-555	Samsung F	DTM63391C
Note: Except for the option of installing a single DIMM in slot 1A or 1B, DIMMs must be installed in matched pairs.			2GB 2Rx8 PC2-5300E-555	Samsung F	DTM63344F
SE7210TP1-E/SR1325TP1-E (Torrey Pines)	4GB	4	512MB DDR400, UNB, ECC, 1Rx8	Samsung G	DTM63715E
			1GB DDR400, UNB, ECC, 2Rx8	Samsung G	DTM63682F
SE7520JR2-2 (Jarrell 2) DDR2	16GB	6	1GB 1Rx4 PC2-3200R-333	Samsung i	DTM63310R
x4 supports SDDC-Chipkill, Install in pairs			2GB 1Rx4 PC2-3200R-333	Hynix C	DTM63320D
Note: No more than the equivalent of 8 ranks may be installed.					
SE7320VP2D2 (Volcano Peak) DDR2	16GB	6	1GB 1Rx4 PC2-3200R-333	Samsung i	DTM63310R
SR1435VP2D2--Maximum 8 ranks			2GB 1Rx4 PC2-3200R-333	Hynix C	DTM63320D

**Intel Desktop Boards**

D2800MT (Marshalltown),	8GB	2	2GB 1Rx8 PC3-10600S-9	Samsung D	DTM64605B
D2700DC (Dry Creek), D2700MU (Mount Union),			4GB 2Rx8 PC3-10600S-9	Samsung D	DTM64601C
D2700MUD (Mount Union DVI)					
<b>DH61AG (Apple Glen)</b>	<b>16GB</b>	<b>2</b>	2GB 1Rx8 PC3-10600S-9	Samsung D	DTM64605B
			4GB 2Rx8 PC3-10600S-9	Samsung D	DTM64601C
			8GB 2Rx8 PC3-10600S-9	Samsung B	DTM64607A
DQ67SW (Strawberry Mountain),	32GB	4	2GB 1Rx8 PC3-10600U-9	Hynix C	DTM64362B
DB65AL (Andrews Lake),			4GB 2Rx8 PC3-10600U-9	Hynix C	DTM64329C
DH67CL (Cold Lake), DP67BA (Buffalo Flat)			8GB 2Rx8 PC3-10600U-9	Samsung B	DTM64384A
DP67BG (Burrage)	32GB	4	2GB 1Rx8 PC3-12800U-11	Samsung D	DTM64368B
			4GB 2Rx8 PC3-12800U-11	Samsung D	DTM64379A
DX79TO (Thorsby), DX79SI (Siler)	64GB	8	2GB 1Rx8 PC3-12800U-11	Multiple	DTM64368
DZ68ZV (Zainesville),	32GB	4	4GB 2Rx8 PC3-12800U-11	Multiple	DTM64379
DZ68BC (Braiden Creek)	32GB	4	8GB 2Rx8 PC3-10600U-9	Multiple	DTM64384
<b>DZ68DB (Dunes Beach)</b>	32GB	4			

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**DATARAM MEMORY PRODUCTS**

MODEL	MAX	Slots	Description	DRAM / AMB	DATARAM #
<b>DZ77SL, DZ77SL, DH77DF, DH77EB, DH77KC</b>	<b>32GB</b>	<b>4</b>	2GB 1Rx8 PC3-12800U-11	Multiple	DTM64368
			4GB 2Rx8 PC3-12800U-11	Multiple	DTM64379
			8GB 2Rx8 PC3-10600U-9	Multiple	DTM64384
DH57JG (Jet Geyser), DQ57TM (Tunnel Mountain), DH55HC (Hunter Cove), DP55WB (Whitesburg)	16GB	4	1GB 1Rx8 PC3-10600U-9	Hynix T	DTM64303C
			2GB 1Rx8 PC3-10600U-9	Multiple	DTM64362
			2GB 2Rx8 PC3-10600U-9	Hynix T	DTM64304C
			4GB 2Rx8 PC3-10600U-9	Multiple	DTM64329
DP55SB (Sharpsberg), DH55TC (Tom Cove), DH57DD (Dan Dale), DG43RK (Rock Fish)	16GB	4	1GB 1Rx8 PC3-10600U-9	Hynix T	DTM64303C
			2GB 1Rx8 PC3-10600U-9	Multiple	DTM64362
			2GB 2Rx8 PC3-10600U-9	Hynix T	DTM64304C
			4GB 2Rx8 PC3-10600U-9	Multiple	DTM64329
DX38BT (Bone Trail), DX48BT2 (Bone Trail 2)	16GB	4	1GB 1Rx8 PC3-10600E-9	Hynix T	DTM64322B
			2GB 1Rx8 PC3-10600E-9	Multiple	DTM64361
DQ45CB (Cube Cove), DG45ID (Icedale)	16GB	4	1GB 1Rx8 PC2-6400U-666	Multiple	DTM63808
			1GB 1Rx8 PC2-6400U-555	Samsung F	DTM63371B
			2GB 2Rx8 PC2-6400U-555	Samsung F	DTM63367B
DP45SG (Skyburg), DX58SO (Smackover)	16GB	4	1GB 1Rx8 PC3-10600U-9	Hynix T	DTM64303C
			2GB 2Rx8 PC3-10600U-9	Hynix T	DTM64304C
DX58SO2 (Smackover 2)	48GB	6	2GB 1Rx8 PC3-10600E-9	Hynix C	DTM64361B
			4GB 2Rx8 PC3-10600E-9	Hynix C	DTM64314D
			8GB 2Rx8 PC3-10600E-9	Samsung B	DTM64380A
DG35EC (Eva Cove)	8GB	4	1GB 1Rx8 PC2-6400U-666	Multiple	DTM63808
DQ35JO/DQ35MP (Johannesburg/Montpelier)	8GB	4	1GB 1Rx8 PC2-6400U-666	Multiple	DTM63808
			2GB 2Rx8 PC2-6400U-555	Samsung F	DTM63367B
DG33BU/DP35DP/DG33FB (Buffalo Creek/Dragontail Peak/Frostburg)	8GB	4	1GB 1Rx8 PC2-6400U-666	Multiple	DTM63808
			2GB 2Rx8 PC2-6400U-555	Samsung F	DTM63367B
DG33TL (Tower Lake)	8GB	4	1GB 1Rx8 PC2-6400U-666	Multiple	DTM63808
			2GB 2Rx8 PC2-6400U-555	Samsung F	DTM63367B
D975XBX2/S975XBX2 (Bad Axe 2)	8GB	4	2GB 2Rx8 PC2-6400E-555	Samsung F	DTM63368C
DG965WHM (Westchester), DG965SSC (Shewsbury), DQ965GF (Guard Fish)	8GB	4	1GB 2Rx8 PC2-5300U-555	Samsung I	DTM63323E
D915GAV (Avalon), D915GAG (Augsburg)	4GB	4	512MB DDR400, UNBUF, 1Rx8	Samsung G	DTM63741C
			1GB DDR400, UNBUF, 2Rx8	Samsung G	DTM63683J
D865GLC/D865GBF/D865GRH (LaCrosse)	4GB	4	512MB DDR400, UNBUF, 1Rx8	Samsung G	DTM63741C
			1GB DDR400, UNBUF, 2Rx8	Samsung G	DTM63683J

**Radisys Motherboards/SBC**

Endura PL35Q, JD35Q (Intel Q35)	8GB	4	1GB 1Rx8 PC2-6400U-666	Multiple	DTM63808
			2GB 2Rx8 PC2-6400U-555	Samsung F	DTM63367B

**AIC-PSG Motherboards**



AIC "Gemini" RTX	192GB	12	1GB 1Rx8 PC3-10600R-9	Hynix T	DTM64311F
AIC "Castor" CTDP036D-110 (Intel 5520-Tylersburg-EP)	192GB	12	2GB 1Rx8 PC3-10600R-9	Hynix C	DTM64360B
			2GB 2Rx8 PC3-10600R-9	Hynix T	DTM64312H
			16GB 4Rx4 PC3-8500R-7	Multiple	DTM64327
Unbuffered ECC also supported			1GB 1Rx8 PC3-10600E-9	Hynix T	DTM64322B
AIC "Aquarius" AQDP5100-110 (Intel 5100-San Clemente)	24GB	6	1GB 1Rx8 PC2-5300P-555	Samsung F	DTM63392F
			2GB 2Rx8 PC2-5300P-555	Samsung F	DTM63394F
AIC "Perseus" PEUP5100-111	8GB	2	2GB 1Rx4 PC2-5300P-555	Hynix C	DTM63369C
			4GB 2Rx4 PC2-5300P-555	Hynix C	DTM63356G
AIC "Aries" ARUP3210-110 (Intel 3210)	8GB	4	1GB 1Rx8 PC2-6400E-555	Samsung F	DTM63393C
			2GB 2Rx8 PC2-6400E-555	Samsung F	DTM63368C
AIC "Aquila" ALUPIBPK-110 Intel Xeon X3400 series	32GB	6	2GB 1Rx8 PC3-10600R-9	Hynix C	DTM64360B
			4GB 2Rx8 PC3-10600R-9	Hynix C	DTM64328D
			8GB 4Rx8 PC3-8500R-7	Hynix B	DTM64330A
Unbuffered ECC also supported			1GB 1Rx8 PC3-10600E-9	Hynix T	DTM64322B
			2GB 1Rx8 PC3-10600E-9	Hynix C	DTM64361B

**Supermicro Motherboards**

SBI-7425C, 'B7DC3' (Intel 5100)	24GB	6	2GB 2Rx8 PC2-5300P-555	Samsung F	DTM63394F
			4GB 2Rx4 PC2-5300P-555	Multiple	DTM63356
X9SCA, X9SCD, X9SCi, X9SCL, X9SCM (Intel C204/C202), also for X9DR#-DA#	32GB	4	2GB 1Rx8 PC3-10600E-9	Multiple	DTM64361
			4GB 2Rx8 PC3-10600E-9	Multiple	DTM64314
			8GB 2Rx8 PC3-10600E-9	Multiple	DTM64380


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DATARAM MEMORY PRODUCTS

MODEL	MAX	Slots	Description	DRAM / AMB	DATARAM #
X9DRG, X9DRH, X9DRi	768GB	24	2GB 1Rx8 PC3-12800R-11	Multiple	DTM64369
X9DRW, X9DR3, X9DA7, AE, Ai	512GB	16	<b>4GB 1Rx4 PC3-12800R-11</b>	<b>Multiple</b>	<b>DTM64398</b>
			4GB 2Rx8 PC3-12800R-11	Multiple	DTM64370
			8GB 2Rx4 PC3-12800R-11	Multiple	DTM64378
Intel E5-2600 Xeon (Intel C606/C602/C602J)			16GB 2Rx4 PC3-12800R-11	Multiple	DTM64385
			8x32GB 4Rx4 PC3L-10600L-9-LRDIMM	Samsung B	DTM64800A
X9DR#, X9DA#, Unbuffered ECC	384GB	12	2GB 1Rx8 PC3-12800E-11	Multiple	DTM64394
	256GB	8	4GB 2Rx8 PC3-12800E-11	Multiple	DTM64395
Intel E5-2600 Xeon			8GB 2Rx8 PC2-12800E-11	Multiple	DTM64396
X8DA3*, X8DAi (Intel 5520)	192GB	12	2GB 1Rx8 PC3-10600R-9	Multiple	DTM64360
X8DAL, X8DAi, X8DAE, X8DA6,	288GB	18	4GB 2Rx8 PC3-10600R-9	Multiple	DTM64328
X8DAH+, X8DTN+,			4GB 2Rx4 PC3-10600R-9	Multiple	DTM64313
X8DT3, X8DT6, X8DTE, X8DTG,			4GB 1Rx4 PC3L-10600R-9	Multiple	DTM64341
X8DTH, X8DTL, X8DTT, X8DTU			8GB 2Rx4 PC3-10600R-9	Multiple	DTM64316
			8GB 2Rx4 PC3L-10600R-9	Multiple	DTM64340
			16GB 4Rx4 PC3-8500R-7	Multiple	DTM64327
			16GB 2Rx4 PC3-10600R-9	Multiple	DTM64356
*All modules tested at Dataram on this MB.					
X8DTH-6F (Certified @ CMTL) (Intel S5520)	192GB	12	2GB 2Rx8 PC3L-10600R-9	Samsung G	DTM64332B
			2GB 1Rx8 PC3-10600R-9	Hynix C	DTM64360B
			4GB 2Rx4 PC3-10600R-9	Samsung G	DTM64313I
			4GB 2Rx8 PC3-10600R-9	Hynix C	DTM64328D
			4GB 2Rx8 PC3L-10600R-9	Samsung D	DTM64371A
			4GB 2Rx4 PC3L-10600R-9	Samsung F/G	DTM64333B
			8GB 2Rx4 PC3-10600R-9	Samsung D	DTM64316H
			8GB 2Rx4 PC3L-10600R-9	Samsung D	DTM64340A
			16GB 4Rx4 PC3-8500R-7	Samsung D	DTM64327D
			16GB 4Rx4 PC3-8500R-7	Samsung C	DTM64327C
X8OBN-F, (Intel 7500, E7)	1TB	64	8GB 2Rx4 PC3-10600R-9	Multiple	DTM64316
X8QB6-LF/F, X8QBE-LF/F	512GB	32	16GB 4Rx4 PC3-8500R-7	Multiple	DTM64327
			32GB 4Rx4 PC3-8500R-7	Multiple	DTM64357
X8SI6 (Intel 3420)	32GB	6	2GB 1Rx8 PC3-10600R-9	Multiple	DTM64360
X8SIA, X8SIE, X8SIL			4GB 2Rx8 PC3-10600R-9	Multiple	DTM64328
X8SIU, X8SIT			8GB 4Rx8 PC3-8500R-7	Multiple	DTM64330
X8SAX (Intel X58)	24GB	6	1GB 1Rx8 PC3-10600E-9	Hynix T	DTM64322B
X8ST3, X8STE, X8STi			2GB 1Rx8 PC3-10600E-9	Multiple	DTM64361
			4GB 2Rx8 PC3-10600E-9	Multiple	DTM64314
X7DWN+ (Intel 5400 Seaburg)	128GB	16	1GB 1Rx8 PC2-5300F-555	Samsung F/IDT	DTM65526C
X7DW#	64GB	8	2GB 2Rx8 PC2-5300F-555-LPwr	Samsung F/IDT-L4	DTM65536B
			2GB 1Rx4 PC2-5300F-555	Samsung F/IDT-L4	DTM65527E
			4GB 4Rx8 PC2-5300F-555-LPwr	Samsung F/IDT-L4	DTM65523C
X7DB# (Intel 5000P Blackford)	64GB	16	1GB 1Rx8 PC2-5300F-555	Samsung F/IDT	DTM65526C
	64/32GB	8	2GB 1Rx4 PC2-5300F-555	Samsung F/IDT-L4	DTM65527E
			2GB 2Rx8 PC2-5300F-555-LPwr	Samsung F/IDT-L4	DTM65536B
			4GB 4Rx8 PC2-5300F-555-LPwr	Samsung F/IDT-L4	DTM65523C
X7DA# (Intel 5000X Greencreek)	32GB	8	1GB 1Rx8 PC2-5300F-555	Samsung F/IDT	DTM65526C
X7DV# (Intel 5000V Blackford VS)	24GB	6	2GB 2Rx8 PC2-5300F-555-LPwr	Samsung F/IDT-L4	DTM65536B
			4GB 4Rx8 PC2-5300F-555-LPwr	Samsung F/IDT-L4	DTM65523C
X7DC# (Intel 5100 San Clemente)	48GB	6	1GB 1Rx8 PC2-5300P-555	Samsung F	DTM63392F
			2GB 1Rx4 PC2-5300P-555	Hynix C	DTM63369C
			4GB 2Rx4 PC2-5300P-555	Hynix C	DTM63356G
X6DH# (Intel E7520 Lindenhurst)	16GB	6	1GB 1Rx4 PC2-3200R-333	Samsung i	DTM63310R
			2GB 1Rx4 PC2-3200R-333	Hynix C	DTM63320D
X6DA# (Intel E7525 Tumwater)	16GB	6	1GB 1Rx4 PC2-3200R-333	Samsung i	DTM63310R
X6DV# (Intel E7320 Lindenhurst VS)	12GB	6	2GB 1Rx4 PC2-3200R-333	Hynix C	DTM63320D
X7SB# (Intel 3210/3200 Bigby)	8GB	4	1GB 1Rx8 PC2-6400E-555	Samsung F	DTM63393C
			2GB 2Rx8 PC2-6400E-555	Samsung F	DTM63368C

1) QUAL PENDING  
 2) QUAL NOT PLANNED  
 3) SUPERMICRO QUAL  
 4) LEGACY  
 5) AIC QUAL.

DATARAM MEMORY PRODUCTS

MODEL	MAX	Slots	Description	DRAM / AMB	DATARAM #
<b>AMD</b>					
<b>Tyan Opteron Server Boards - Socket 1207</b>					
Tyan Thunder n3600M (S2932-E), Tyan Thunder h2000M (S3992-E) (DDR2-800)	64GB	16	2GB 1Rx4 PC2-6400P-555	Multiple	DTM63352 <sup>2)</sup>
Tyan Thunder n4250QE (S4985-E)	128GB	16	1GB 1Rx8 PC2-5300P-555 2GB 2Rx8 PC2-5300P-555 4GB 2Rx4 PC2-5300P-555	Samsung F Samsung F Multiple	DTM63392F <sup>2)</sup> DTM63394F <sup>2)</sup> DTM63356 <sup>2)</sup>
Tyan Tempest i5100T (S5377) (w/5100 Intel San Clemente)	32GB	8	1GB 1Rx8 PC2-5300P-555 2GB 2Rx8 PC2-5300P-555 2GB 1Rx4 PC2-5300P-555 4GB 2Rx4 PC2-5300P-555	Samsung F Samsung F Hynix C Multiple	DTM63392F <sup>2)</sup> DTM63394F <sup>2)</sup> DTM63369C <sup>2)</sup> DTM63356 <sup>2)</sup>
Tyan Thunder n3600R (S2912-E) Tyan Thunder n6650W (S2915-E)	64GB	8	1GB 1Rx8 PC2-5300P-555 2GB 2Rx8 PC2-5300P-555 2GB 1Rx4 PC2-5300P-555	Samsung F Samsung F Hynix C	DTM63392F <sup>2)</sup> DTM63394F <sup>2)</sup> DTM63369C <sup>2)</sup>
<b># Ranks</b>	<b>DRAM Org</b>	<b>Module Speed</b>	<b>DRAM Speed</b>	<b>Module Type</b>	<b>CAS Latency</b>
1R	x4	PC2-3200	DDR2-400	U = Unbuffered Non-ECC	3
2R	x8	PC2-4200	DDR2-533	E = Unbuffered ECC	4
4R	x16	PC2-5300	DDR2-667	R = Registered ECC	5
8R		PC2-6400	DDR2-800	P = REG ECC w/parity	6
		PC3-8500	DDR3-1066	L = LRDIMM	7
		PC3-10600	DDR3-1333	S = SODIMM	9
		PC3-12800	DDR3-1600	F = Fully Buffered DIMM	11
		PC3-15000	DDR3-1866	PC3L-xx (1.35V-LV)	12, 13