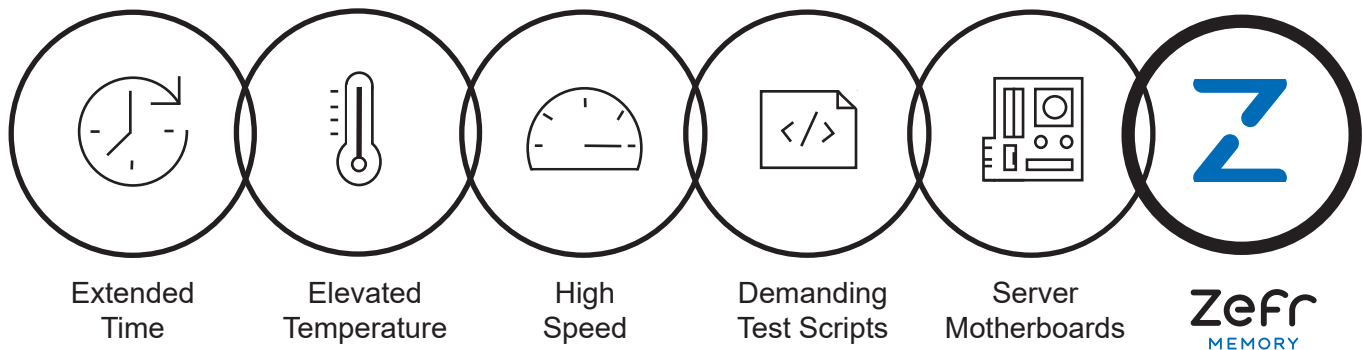


Ultra-High Reliability Zefr[™] Memory

Eliminating Over 90% of Memory Failures: Making the Best, Better

The Zefr Memory Process transforms Tier-1 RDIMMs that already met the industry's typical defect rate of 3,000 parts per million into the most reliable memory for the most demanding applications. Zefr Memory is processed to real-world conditions to eliminate over 90% of remaining memory reliability failures, lowering DPPM to under 200.



Minimize Downtime, Maximize ROI

Downtime can cost thousands of dollars and SLA misses. Deploying Registered ZDIMMs (Zefr Dual Inline Memory Modules) accelerates Platform Bring Up, Maximizes HPV Yield Rate, Accelerates Time-to-Insight, and Lowers Maintenance Costs.

DDR5 Zefr/ZDIMM Ordering Information

288-PIN - DDR5 ZDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
SRZBG8RD584K-SM	256GB	31.25	32G x80	4Gx4	6400MT/s	1.1V	0°C to +70°C
SRZAG8RD5848-SM	128GB	31.25	16G x80	8Gx4	5600MT/s	1.1V	0°C to +70°C
SRZAG8RD5848-MB	128GB	31.25	8G x80	8Gx4	5600MT/s	1.1V	0°C to +70°C
SRZH8RD5648-SP	96GB	31.25	12G x80	6Gx4	5600MT/s	1.1V	0°C to +70°C
STZ8G8RD5448-HA	64GB	31.25	8G x80	4Gx4	5600MT/s	1.1V	0°C to +70°C
SRZ8G8RD5448-SE	64GB	31.25	8G x80	4Gx4	5600MT/s	1.1V	0°C to +70°C
SRZ8G8RD5448-MD	64GB	31.25	8G x80	4Gx4	5600MT/s	1.1V	0°C to +70°C
STZ4G8RD5448-HA	32GB	31.25	4G x80	4Gx4	5600MT/s	1.1V	0°C to +70°C
SRZ4G8RD5448-SE	32GB	31.25	4G x80	4Gx4	5600MT/s	1.1V	0°C to +70°C
SRZ4G8RD5288-SP	32GB	31.25	4G x80	2Gx8	5600MT/s	1.1V	0°C to +70°C
SRZ4G8RD5288-SE	32GB	31.25	4G x80	2Gx8	5600MT/s	1.1V	0°C to +70°C
288-PIN - DDR5 MRDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
SRZAG8RM5844-SM	128GB	56.90	16G x80	8Gx4	8800MT/s	1.1V	0°C to +70°C
SRZ8G8RM5484-SM	64GB	56.90	8G x80	4Gx8	8800MT/s	1.1V	0°C to +70°C
SRZ8G8RM5444-SE	64GB	56.90	8G x80	4Gx4	8800MT/s	1.1V	0°C to +70°C
SRZ4G8RM5284-SE	32GB	56.90	4G x80	2Gx8	8800MT/s	1.1V	0°C to +70°C
288-PIN - DDR5 RDIMM Liquid Immersion							
SMART Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
SRLHG8RD5648-SP	96GB	31.25	12G x80	6Gx4	5600MT/s	1.1V	0°C to +70°C
SRL8G8RD5448-SP	64GB	31.25	8G x80	4Gx4	5600MT/s	1.1V	0°C to +70°C
SRL4G8RD5448-SP	32GB	31.25	4G x80	4Gx4	5600MT/s	1.1V	0°C to +70°C
SRL4G8RD5288-SP	32GB	31.25	4G x80	2Gx8	5600MT/s	1.1V	0°C to +70°C

* Reflects Operating Ambient Temperature

DDR4 Zefr/ZDIMM Ordering Information

288-PIN - DDR4 ZDIMM							
SMART Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
STZ8197RD440425MF	64GB	31.25	8G x72	4Gx4	3200MT/s	1.2V	0°C to +70°C
STZ4097RD420425-NF	32GB	31.25	4G x72	2Gx4	3200MT/s	1.2V	0°C to +70°C
STZ2047RD410825NF	16GB	31.25	2G x72	1Gx8	3200MT/s	1.2V	0°C to +70°C
STZ2047RD420425-NF	16GB	31.25	2G x72	2Gx4	3200MT/s	1.2V	0°C to +70°C
260-PIN - DDR4 Non-ECC SODIMM							
SMART Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
STZ5126SO451893SG	4GB	30.00	512M x64	512Mx8	2666MT/s	1.2V	0°C to +70°C
260-PIN - DDR4 ECC SODIMM							
SMART Part Number	Density	Height (mm)	Module Config	Comp Config	Speed	Voltage	Temp*
STB4097SO420825SC	32GB	30.00	4G x72	2Gx8	3200MT/s	1.2V	0°C to +70°C
STZ2047SO420825SC	16GB	30.00	2G x72	2Gx8	3200MT/s	1.2V	0°C to +70°C

* Reflects Operating Ambient Temperature



For more information, please visit: www.smartm.com

*Product images are for promotional purposes only. Labels may not be representative of the actual product.

Headquarters/North America:

T: (+1) 800-956-7627 • T: (+1) 510-623-1231
F: (+1) 510-623-1434 • E: info@smartm.com

Latin America:

T: (+55) 11 4417-7200 • E: sales.br@smartm.com

Asia/Pacific:

T: (+65) 6678-7670 • E: sales.asia@smartm.com

EMEA:

T: (+44) 0 7826-064-745 • E: sales.euro@smartm.com

Customer Service:

T: (+1) 510-623-1231 • E: customers@smartm.com