SMART Zefr Memory for Enterprise Applications
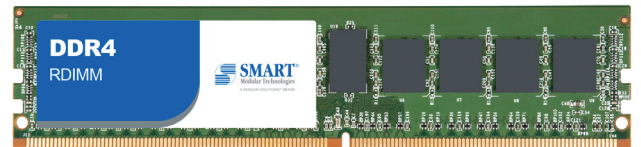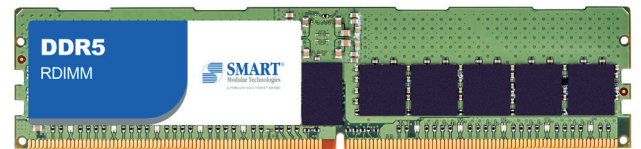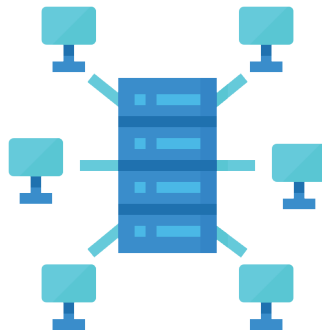
Reliable, Trusted, Proven

Why SMART?

- High reliability for maintaining uninterrupted service
- Full range of memory module densities and speeds for capturing, processing and storing small and large amounts of data
- SMART Zefr process eliminates weak components, lowering DPPM rates (Defective Parts Per Million)
- VLP (Very Low Profile) module for blade computing

Why is it Needed?

- Memory failures occur due to the introduction of smaller process technologies, faster speeds, higher DRAM densities, Through Silicon Via (TSV) mulit-die stacking and other factors such as test escapes.

- Memory failures in the field cause significant disruption resulting in lost revenue.

- Zefr Memory is needed for mission-critical applications where memory failures are not an option.

- Zefr Memory helps lower OEM costs for servicing and minimizing warranty overhead.

- Zefr Memory helps to maintain customers' reputation for providing highly reliable computing equipment.

Applications

- Enterprise Data Centers and Storage Systems
- High Performance Computing (HPC)
- Mission Critical and Fault Tolerant Systems
- Five9 Systems

SMART's Zefr Memory undergoes a proprietary screening process to deliver ultra-high reliability for demanding workloads.

Product Summary Overview

DRAM for Enterprise Applications			
Technology	Module Type	Speed	Densities
DDR5	ZDIMM	DDR5-4800/5600	16GB - 128GB
DDR4	ZDIMM	DDR4-3200	16GB - 64GB
	Non-ECC SODIMM	DDR4-2666	2GB - 32GB
	ECC SODIMM	DDR-2666/3200	4GB - 32GB

Individual part nos. can be found on www.smartm.com

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