



SMART DRAM for Edge Computing

Reliable, Trusted, Proven

Critical Needs for Edge Computing Applications

- High density for storing and processing large amounts of Edge-generated data without constantly offloading data to the cloud
- High performance for real-time data processing
- Flexible memory module form factors and configurations
 - Optimized for each application's specific requirements
- Industrial grade and high reliability memory options for harsh operating environments
- Long term service and support
- Cost effectiveness: memory for Edge devices must balance performance, power, and cost to make Edge computing economically viable across a wide range of use cases

Why SMART Memory for Edge Computing Applications?

- Highest densities for capturing, processing and storing large amounts of data
- High speed memory up to DDR5-5600
- Best-fit industrial and enterprise memory modules for a variety of Edge Computing needs; RDIMMs, VLP DIMMs, ECC SODIMMs and UDIMMs
- Highly reliable for maintaining uninterrupted service – Zefr high reliability memory
- Long term service and support
- Cost efficiency: SMART uses off-the-shelf mainstream components and then adds comprehensive testing



Applications

- Autonomous vehicles
- Traffic management systems to intelligently adjust traffic signals and open/close traffic lanes
- Public transit systems
- Clean energy and smart buildings
- Healthcare
- Security and worker safety
- Agriculture and farming
- Predictive maintenance
- Machine and computer vision
- Edge video

Product Summary Overview

DRAM for Edge Computing		
Technology	Module Type	Densities
DDR5	VLP RDIMM	32GB - 48GB
	ECC UDIMM	48GB
	VLP ECC UDIMM	32GB - 48GB
	ECC SODIMM	16GB - 64GB

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

Other Options

- Zefr Memory
- Industrial Temperature Memory



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

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