

# SMART DRAM for Edge Computing

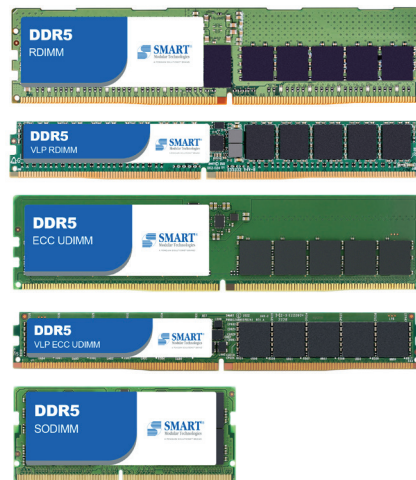
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## Critical Needs for Edge Computing Applications

- 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	Speeds	Densities
DDR5	RDIMM	DDR5-4800/5600	32GB
	VLP RDIMM		32GB
	ECC UDIMM		32GB, 48GB
	VLP ECC UDIMM		32GB
	ECC SODIMM		32GB

Individual part nos. can be found on [www.smartm.com](http://www.smartm.com)

## Other Options

- Zefr Memory
- Industrial Temperature Memory



For more information, please visit: [www.smartm.com](http://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](mailto:info@smartm.com)

### Latin America:

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

### Asia/Pacific:

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

### EMEA:

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

### Customer Service:

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