



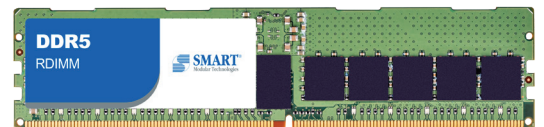
## *Rugged Memory*

# DDR5, DDR4 and DDR3 Memory Modules

SMART offers a wide lineup of DDR3, DDR4, and DDR5 Rugged Memory modules which are 100% system tested from -40°C to +85°C. SMART supports extended temperature ranges beyond industrial grade from -50°C to +105°C ambient. SMART's rigorous testing process is specifically designed to ensure these ruggedized modules are well-suited to operate in harsh, long-life computing environments. Additional rugged memory options include conformal coating, underfill, anti-sulfur resistors and secure retention latching options for high shock and vibration operating conditions.

## Features & Benefits

- Reliable operation under harsh operating conditions
- Flexible options based on use cases
- Locked BOMs with PCN control
- Shorter lead times
- Competitive pricing



## Applications

- Base stations and outdoor telecom equipment
- Industrial computing
- Mobile and defense applications
- Ideal for industrial, defense, aerospace, kiosk and digital signage
- Densely configured blade computing with limited airflow
- Other server and storage applications

# DDR5 and DDR4 Ordering Information

DRAM for Edge Computing			
Technology	Module Type	Speeds	Densities
DDR5	RDIMM	DDR5-4800/5600	16GB - 64GB
	VLP RDIMM		32GB - 48GB
	Non-ECC UDIMM		8GB - 48GB
	ECC UDIMM		16GB - 48GB
	ECC VLP UDIMM		16GB - 48GB
	Non-ECC SODIMM		8GB - 48GB
	ECC SODIMM		16GB - 48GB
DDR4	RDIMM	DDR4-3200/4800/5600	16GB - 64GB
	VLP RDIMM		16GB - 64GB
	Non-ECC SODIMM		512MB - 32GB
	ECC SODIMM		8GB - 32GB
	ECC UDIMM		32GB
	Non-ECC UDIMM		16GB - 32GB
	ECC ULP UDIMM		32GB
	MIP		2GB -16GB

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



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.*

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