

SMART DRAM for Rugged and Industrial Applications

Product Summary Overview


Critical Needs for Rugged and Industrial Applications


- Operation in wide temperature ranges
- Protection from harsh environmental factors such as moisture, sulfur, and salt
- Reliable operation under rugged shock and vibration conditions (i.e., defense, transportation)
- Reliability for maintaining long-term uninterrupted service
- Wide lineup of form factors for specialized computing enclosures


Why SMART DRAM for Rugged and Industrial Applications?


- Industrial and extended temperature support
- Best-fit module form factors (i.e., Standard DIMM, VLP DIMM, SODIMM, Mini-DIMM)
- High quality and reliability
- Long term service and support

Special features to support Industrial applications


 100% high and low temperature testing

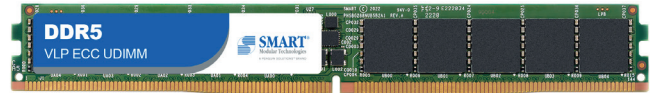
 Conformal coating for moisture and environmental protection

 Component underfill for vibration resistance

 Selective DRAM component sourcing for high altitude applications

 Anti-sulfur passive components for environmental protection

 Module retention clips for high shock and vibration applications



Products shown represent a sampling of SMART DIMMs for Rugged and Industrial applications

Applications

- Automated manufacturing systems
- Industrial PCs
- Medical devices
- Oil, gas and drilling
- COTS
- Industrial blade servers

Product Summary Overview

DRAM for Rugged and Industrial Applications			
Technology	Module Type	Speeds	Densities
DDR5	VLP RDIMM	DDR5-4800/5600	32GB, 48GB
	ECC UDIMM		48GB
	ECC VLP UDIMM		32GB, 48GB
	Non-ECC SODIMM		24GB, 48GB
	ECC SODIMM		16GB - 64GB
DDR4	RDIMM	DDR4-2666/2933/3200	8GB - 32GB
	Non-ECC UDIMM		4GB - 32GB
	ECC UDIMM		16GB - 32GB
	ECC ULP UDIMM		32GB
	Non-ECC SODIMM		2GB - 32GB
	ECC SODIMM		8GB - 32GB
	LRDIMM		128GB
MIP	2GB - 8GB		

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



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