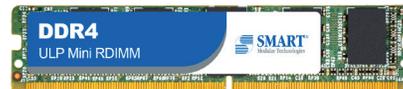# SMART DRAM Memory for IIoT Applications

Reliable, Trusted, Proven

Factors Affecting Memory Requirements for IIoT Applications

- Exponential growth of endpoint data creation

- Increasing need for localized IIoT data processing to minimize high bandwidth data transmission needs

- Significant need for high reliability in harsher operating environments

- Significant need for long lifecycle service and support

Why SMART DuraMemory for IIoT Applications?

- Highest reliability memory for remotely deployed industrial computing equipment

- Wide portfolio of memory products including form factors, technologies, speeds, and densities that are ideally-suited for IIoT

- Multiple proven solutions to protect against environmental threats

- In-house I-temp processing for high reliability, lower costs and shorter leadtimes

Applications

- Asset tracking
- Preventative maintenance
- Inventory management
- Remote monitoring and control
- Employee and environmental safety

Product Summary Overview

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

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

SMART ®
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For more information, please visit: **www.smartm.com**

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