SMART®
Modular Technologies
A PENGUIN SOLUTIONS® BRAND


# SMART DRAM Memory for IIoT Applications

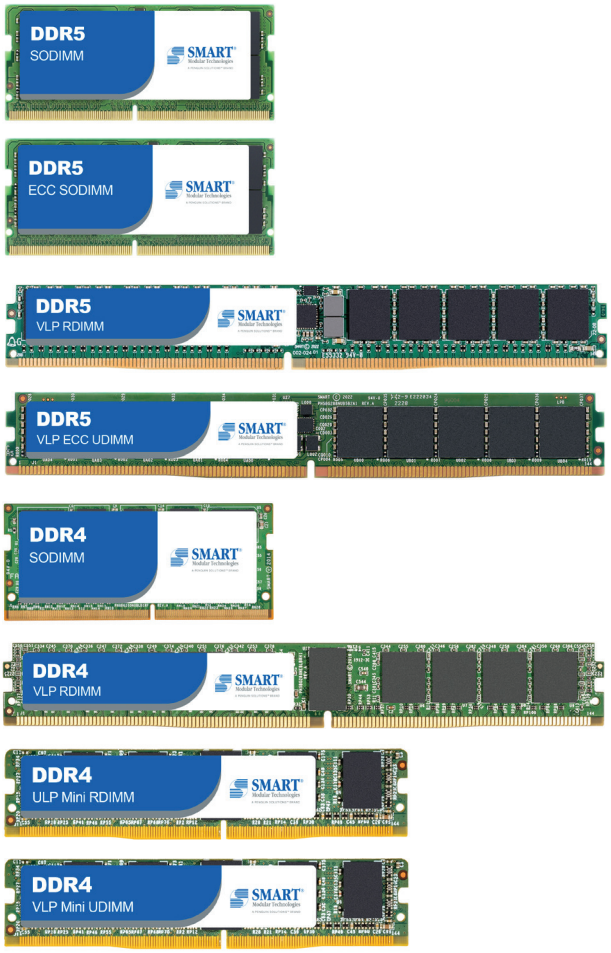
Reliable, Trusted, Proven

## 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 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 - 48GB |
| | ECC UDIMM | | 48GB |
| | ECC VLP UDIMM | | 16GB, 64GB |
| | Non-ECC SODIMM | | 24GB, 48GB |
| | ECC SODIMM | | 16GB - 64GB |
| DDR4 | ULP Mini-RDIMM | DDR4-2666/2933/3200 | 16GB, 32GB |
| | VLP Mini-RDIMM | | 8GB, 16GB |
| | VLP RDIMM | | 8GB - 64GB |
| | ECC UDIMM | | 4GB - 32GB |
| | ECC ULP UDIMM | | 32GB |
| | ECC VLP Mini-UDIMM | | 8GB, 32GB |
| | Non-ECC SODIMM | | 2GB - 32GB |
| | ECC SODIMM | | 4GB - 32GB |
| | MIP | | 4GB - 16GB |

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

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

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