

SMART DRAM Memory for Defense Applications

Reliable, Trusted, Proven



Why DRAM Memory?

SMART's DRAM memory products for defense applications are built to withstand the extreme environments military settings demand. They are put through a rigorous mission-critical test process and can be specifically enhanced for protection from extreme temperatures, vibration, moisture, and exposure to severe environmental conditions, making them ideal for military field applications.

SMART's memory modules are offered in a variety of form factors and DRAM technologies. SMART provides long-term product support specifically aligned for defense and industrial applications.

Special features to support defense 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

SO-DIMM

- DDR4-2666 up to 32GB
- DDR3-1866 up to 16GB
- ECC and non-ECC



Module-in-a-Package (MIP)

- 1/5th the space of SO-DIMM
- Soldered down for stabilization
- DDR4-3200 up to 8GB
- DDR3-1866 up to 4GB



VLP and Standard DIMMs

- DDR4-3200 VLP RDIMM up to 64GB
- DDR4-3200 RDIMM/LRDIMM up to 128GB
- DDR3-1866 VLP Mini-DIMMs up to 16GB



Mini-DIMMs

- Small form factor, high density
- DDR4-3200 VLP/ULP Mini-DIMMs up to 16GB
- DDR3-1866 VLP and standard height up to 8GB



Contact information

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