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.

Special features to support defense applications

- 100% high and low temperature testing
- Component underfill for vibration resistance
- Conformal coating for moisture and environmental protection
- Anti-sulfur passive components for environmental protection
- Selective DRAM component sourcing for high altitude applications

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