

**CERVOZ**

Making Memories for Industry

**MILITARY GRADE**

MIL-STD-810G Compliant



# Rugged Military Grade SSD

Defense and Military applications are mission-critical operations, the robust storage is always the first priority.

Cervoz, as a leading manufacturer of industrial SSD and DRAM modules, our military grade SSD is the highest level of rugged industrial grade product, which is designed with multi-layered data protection against information leakage; AES 256-bit encryption algorithm to avoid confidential data exposure. Cervoz Military Grade SSD is compliant with MIL-STD-810G standards, which guarantee the high level of shock and vibration resistance.

## PRODUCT FEATURES

### Rugged Military Grade SSD

#### MIL-STD-810G Compliant



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Cervoz Military Grade SSD meets the strict specifications set by United States Military Standards for all products used in military and defense applications.

#### Multi-Layered Data Security

Cervoz Military Grade SSD provides various secure layers to protect data confidentiality. Real time **AES 256-bit** hardware encryption. The **Write Protection** to avoid any data write-in. **Self-Physical Destruction** is achieved via high voltage input and burn out of SSD NAND flash IC. The data is permanently destroyed and unrecoverable.

#### Multi-Layered Data Security



#### Powergurad (PLP)



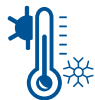
#### Powergurad ( Power Loss Protection)

The extra tantalum capacitors designed can store extra power. It will protect data loss and the mapping table when the system encounters unpredictable power failure.

#### Extreme Environment ( -40° C to +85° C )

Cervoz Military Grade SSD is made of high-reliability industrial grade components which can withstand -40°C to +85°C. The most important design is built in thermal sensor which monitors SSD's temperature against overheating and alerts the host systems to take preventive actions.

#### Extreme Environment



#### Conformal Coating



#### Conformal Coating (Moisture, Dust and Chemical-Proof)

Cervoz applies a protective coating designed for military and defense applications. This conformal coating is compliant with MIL-I46058C which ensures the maximum protection in harsh environment.