

# FIRE CONTROL COMPUTER

Lightweight, ruggedized, sealed and militarized fire control computer.



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The Fire Control Computer (FCC) provides the weapons system User Interface software, and generates weapons management control, status and graphics. It also provides the necessary 1553B data bus control for stores management, and facilitates communication with the system Mission Management Computer for managing and de-conflicting laser codes between the Sensor system and the weapons management system.

The architecture of the FCC is based on mini-ITX form factor with a state-of-the-art quad core processor operating at speeds up to 3.5 Gigahertz. The processor contains 12MB of cache for rapid communications with 16GB of DDR3 memory. It features both USB2 and USB3 ports for peripheral interface, 100Mbps/sec Ethernet transfer rates, supports PCI express add-ins, and HD4000 graphics.

## Features:

- High speed Quad Core Processing
- Extensive I/O capabilities
- Small, lightweight footprint

## Electrical:

- Voltage – 28VDC
- Current – 4A

## Physical:

- Weight – 7.4 lbs.
- Dimensions - 9.0”L x 8.7”W x 3.93”H

## Qualified - Environmental:

- Complies with MIL-STD-810G

## Qualified - Electro Magnetic Interference:

- Complies with MIL-STD-461F

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