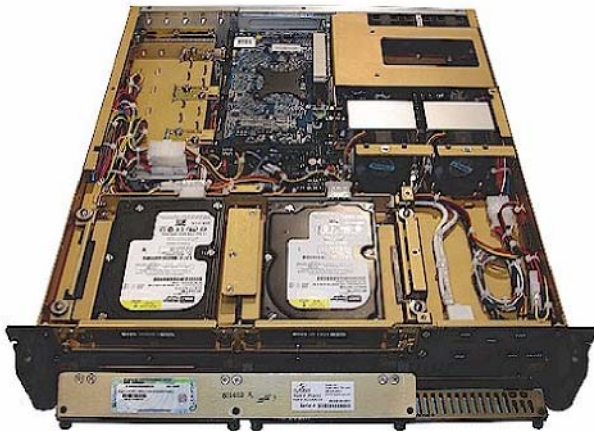


## MD-2U21-810F



The MD-2U21-810F provides a compact, versatile, rugged 2U platform offering high reliability for the most demanding applications. Intel Xeon processor based architecture provides the highest performance available. Custom Integration and testing is available for dock-to-stock solutions.

The MD-2U21-810F is an extreme duty system designed for demanding applications in military and industrial operations. With a compact design that saves space and weight, the system offers great value and performance without the associated high cost. Designed and tested for high shock and vibration, (MIL-STD-810F compliance), the system provides complete protection for mission critical applications.

### EXTREME INDUSTRIAL FEATURES

- Shock mounting of hot-swappable drives
- Positive pressure front cooling with nine ball bearing fans
- Firmly held plug-in cards with uniquely designed card hold-down clamps
- Internal chassis bracing
- Wire bridges to eliminate the need for stick-on tie wrap holders
- Custom integration of CFE or GFE



MILITARY | SURVEILLANCE | MACHINE VISION | FACTORY AUTOMATION

# MD-2U21-810F

## Specifications



### CHASSIS

3 slot 2U chassis designed for harsh industrial and military environments.

**Material:** .060" aluminum w/gold alodine chassis and .190" aluminum front panel powder coated. 10 & 18 gauge steel back panel.

**Weight:** 29 lbs

**Front Panel:** Black

**Custom Logo:** Silk-screened per customer specification.

**Indicators:** Power LED, Drive LED

**Controls:** Power ON/OFF, system reset, supports up to 2 front USB ports.

**Dimensions:** (W x D x H) 19" x 21" x 3.47"

### SYSTEM BOARD

Accepts both standard and extended ATX form factor serverboards.

2 PCI-X 64-bit & 1 PCIe x16 slots

Active serverboard architecture

### CPUs

**Intel:** Dual Xeon processors

**AMD:** Dual Opteron processors

Dual-Core processor options available

### COOLING

**Front:** Six 71 CFM ball bearing fans

**Rear:** Three 35 CFM ball bearing fans

**Front Filter:** Removable and washable

### POWER

**Power Input:** 510 watt, auto-switching, cold-swappable, 1U, 110/220 VAC power supply.

**Ruggedization:** Harsh industrial / military environments.

### DRIVE BAYS

**Front Accessible** Dual removable shock-mounted hard drives (hot swappable).

Notebook DVD / CD ROM

### ENVIRONMENT

**Temperature:** 0° to 50° C

**Humidity:** 5% to 95% non-condensing

**Altitude:** Up to 15,000 feet

#### Vibration

Non-operating: 3.15G, 5-500Hz

Operating: 1.50G, 5-500Hz

Duration: 60 minutes each axis

#### Shock

Non-operating: 20G Half-sine, 9ms

Operating: 2G Half-sine, 9ms

Repetitions: 3 shocks per axis

**Ambient Temperature:** 25° C

### OPTIONS

DC power supply

Rack slides

*Please contact us for ordering and pricing information.*

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