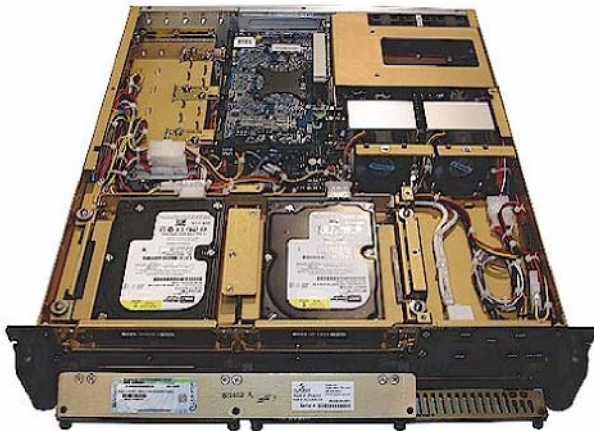


MD-2U21-810F



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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