

MicroDISC

MD-5U18R **RACK-MOUNTED SYSTEM**

The CE and FCC Part 15 compliant MD-5U18R is a rugged 5U rackmount computer that supports single-segment, 20-slot backplanes and one single board computer. The computer has either front access / hot swap or fixed HDDs plus DVD support. The 20-slot backplane options feature PCI Express and PCI-X/PCI plug-in option card slots.

KEY FEATURES

- 5U rackmount computer with a short chassis depth of 18"
- CE and FCC Part 15 compliant
- Made with lightweight rugged aluminum
- 20-slot PICMG 1.3 backplane options provide extensive PCIe and PCIX/O support
- Flexible hold down bar for SBC and the option cards for added security in high vibration environments
- 34.8 Lbs. (15.8 Kg.) – includes chassis + dual processor SBC + 20-slot backplane + mini-redundant power supply only



ABOUT MDI

Since 1984, MicroDISC has been providing Government, Military/Aerospace, Industry and Academia with invaluable knowledge and expertise in the field of machine vision, image processing and the packaging of integrated or embedded systems across a broad range of computer architectures and operating environments. Our commitment is to deliver the latest in leading edge technology packaged to meet the needs of our customers using mostly commercial-off-the-shelf (COTS) and long life-cycle components.

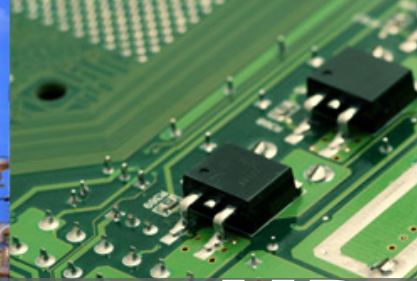
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MD-5U18R
RACK-MOUNTED SYSTEM

CHASSIS

- **Indicators:** Power, Drive and Fan LEDs
- **Controls:** Power ON/OFF, system reset, 2x USB
- **Dimensions:** (W x D x H) 19" x 18" x 8.75"

COOLING

Middle:(4) 92mm ball bearing fans, 102 cfm each

Front Filter: Removable

POWER

Standard AC Power Supply Options: 90-264 VAC
1200W 1U micro redundant power supply.

SYSTEM BOARD

Supports a Dual-socket Single-Board Computer with 2x Intel Xeon E5-2400 v2 processors. Supports up to 48GB memory.

DRIVE BAYS

Front Accessible: (2) x 2.5" hot swap hard drive bays and (1) x Internal slim DVDRW



MILITARY . DATA COLLECTION . MACHINE VISION . SURVEILLANCE

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