



EMBEDDED TECHNOLOGIES, Inc.

6U VME/VME64x Open Chassis

FEATURES:

- High-quality, full-stripline, computer simulated
- VME64x versions support 2eSST bus transfers
- 6Ux160mm front card cage
- 6Ux80mm rear transition module card cage
- Clear access to rear of backplane
- Relieved sideplates allow easy probing of boards under test
- 1101.10 "inject" provisions to aid in card insertion (both front and rear)
- VME64x versions available with or without J0 connectors
- 500-watt 110/220 power supply
- DC cooling fans under front card cage
- Additional power supply fans
- Separate air plenum for power supply
- Mounting provisions and power connectors for user installed floppy, CD/DVD, and two hard drives
- Table-top rubber feet
- Convenient carrying handle
- AC line cord and power switch
- Assembled, wired, tested, ready to use
- VXS, VITA31.1, 3U & 6U CPCI versions, and custom chassis are also available.



DESCRIPTION:

These development chassis are designed to provide a complete, yet simple solution to your development needs. They include features most desired by leading system developers such as a RTM card cage and clear access to boards under test. Very high-performance backplanes with low inductance power distribution and decoupling capacitors are included. Backplanes also provide automatic daisy-chain switching so that empty slots can be maintained between boards under test for probing and so that boards can be easily installed and removed without having to deal with small shunt jumpers. Provisions are included to support boards that utilize "injectors" (IEEE 1101.10). The chassis has 12-volt fans for the front card cage and a 500-watt power supply that includes a +3.3 rail as well as remote sense lines for high-performance power distribution. Dedicated cooling fans and an air plenum for the power supply are included. For your convenience the chassis is supplied with a rigid carrying handle, table-top rubber feet, and a power cord. The unit is shipped fully wired and tested so you can be up and running within minutes of receiving it. **Operation is simple: plug it in and turn it on.**



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SPECIFICATIONS:

Input Power:

90-135/180-230VAC, 47-63Hz

Output Power:

500 watts
+5@45A, +12@26A, -12@1A, +3.3@30A

MTBF (power supply):

100,000 hours @ 25°C

Operating Temperature:

0° to 50°C

Storage Temperature:

-40° to 70°C

Operating Humidity

20% to 85% non-Condensing

Fans (card cage):

- Standard: Qty 2 @ 51CFM each
- Option "H": Qty 2 @ 119CFM each

Backplane:

- .125-thick, 94V-0, MIL-P-13949
- Connectors:
 - J0: IEC 61076-4-101
 - J1 & J2: DIN 41612 class II (400-cycle)
- Daisy-Chain:
 - Automatic Electronic Switching

Chassis:

Fine grained aluminum with clear alodine plating, sideplates .187-thick, other sheet metal .062-thick

Card Guides & Coding Blocks:

PA, UL 94-V0

Weight:

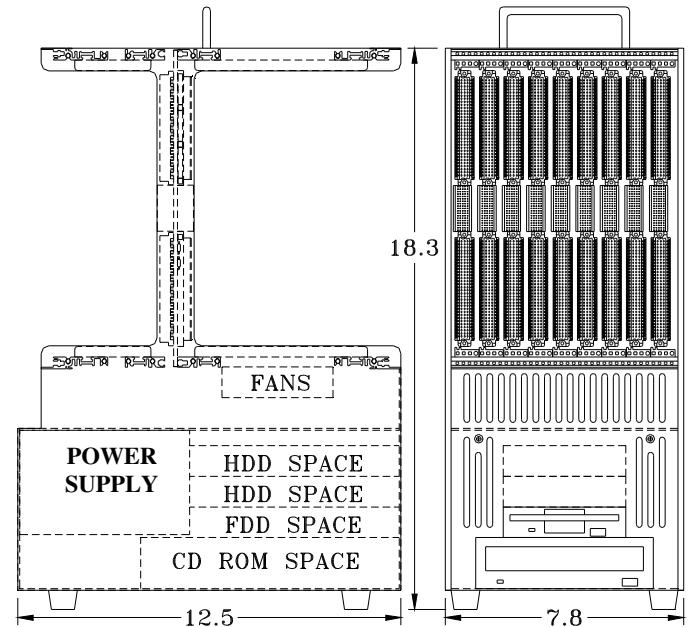
16 pounds with 9-slot backplane

Embedded Technologies, Inc.

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Dimensions:

As shown below (inches):



ORDERING INFORMATION

PART NUMBER:

111-00083-aaaa-ddf

aaaa: **64XY** for VME64X with P0 connector, long tails and shrouds on P0 and J2

64XN for VME64x without P0 connector, long tails and shrouds on J2

1014 for VME with 96-contact J1J2 connectors, long tails and shrouds on J2

ddf: backplane slots:

05 for 5-slot

09 for 9-slot

f: **S** for 51CFM fans

H for 119CFM fans

Note: Option "H" fans are considered "noisy" by some users.

Contact factory if you require a different configuration than listed above.

Phone: 760-598-2870

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