

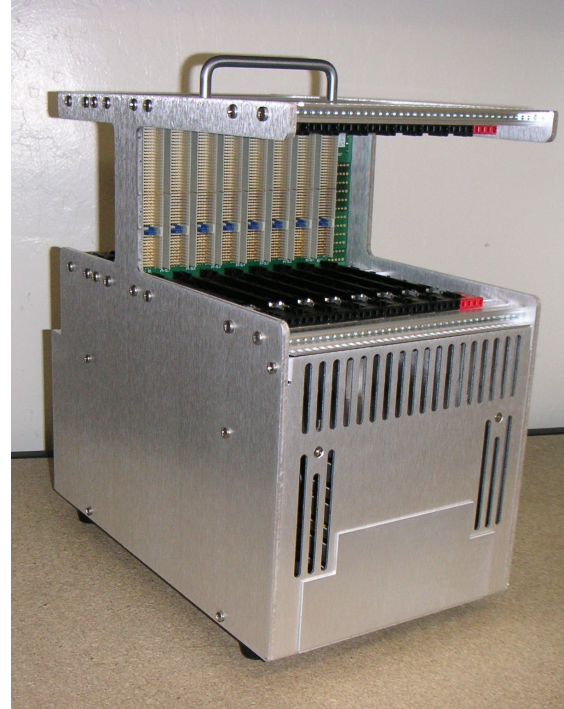


EMBEDDED TECHNOLOGIES, Inc.

3U CPCI Open Chassis

FEATURES:

- Choice of 32 or 64-bit, full-stripline, computer simulated, Hot-swap compliant backplane
- Support for both 33 and 66Mhz operation
- Right-justified (left-justified upon request) system controller slot accommodates single or double-wide boards
- 3Ux160mm front card cage
- 3Ux80mm rear transition module card cage for 32-bit backplane versions which have I/O on P2 connectors
- Clear access to rear of backplane
- Relieved sideplates allow easy probing of boards under test
- 500-watt 110/220 power supply
- DC cooling fans under front card cage
- Additional power supply fan
- 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
- CPSB, VME, VME64x, VXS, VPX, VITA31.1, 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 clear access to the rear of the backplane and boards under test. A very high-performance, 32 or 64-bit, full stripline, Hot-Swap compliant backplane with low inductance power distribution and decoupling capacitors is included. The standard backplane has a right-justified system slot to accommodate single or double-wide CPU boards. The chassis has two 12-volt fans for the card cage and a 500-watt power supply with 110/220 VAC selection switch, allowing the chassis to operate on a wide range of input power. Dedicated power supply cooling fans and air plenum for the power supply are included. For your convenience the chassis is supplied with mounting provisions and power connectors for several peripheral devices, a rigid carrying handle, table-top rubber feet, and 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:

90-135/180-265VAC, 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
 - Right-justified System Slot (standard)
- Conforms to:
- PICMG basic spec. 2.0 R3.0, 10/1/99

Chassis:

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

Card Guides & Coding Blocks:

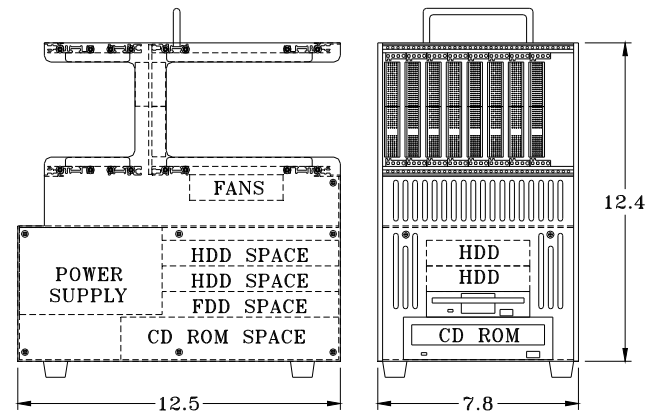
PA, UL 94-V0

Weight:

14 pounds with 8-slot backplane

Dimensions:

As shown below (inches):



PART NUMBER FORMULATION:

111-00083-3Uaa-bbccddf

- aa: 32 for 32-bit
64 for 64-bit (does not support rear I/O)
- bb: 33 for VIO=3.3Vdc (req'd for 66Mhz)
50 for VIO=5.0Vdc
- c: R for right justified backplane (standard)
- dd: backplane slots:
05 for 5-slot
08 for 8-slot (does not support 66Mhz)
- 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.