

# CAN-TAINER / VERSA-TAINER

## RUGGED PC/104 ENCLOSURE SYSTEMS FOR HOSTILE AND MOBILE ENVIRONMENTS

- Heavy duty .125" aluminum construction
- Shock and vibration protection system
- Available in lengths from 4" to 12"
- PC/104 and EBX mounting capability
- Multiple pre-formed end caps available

The **Can-Tainer** and **Versa-Tainer** are rugged PC/104 enclosure systems constructed of .125" aluminum and designed for hostile and mobile environments. They feature a dual system of shock and vibration isolation: The PC/104 modules are mounted axially in the enclosure with four internal rubber corner rails to absorb high-frequency vibrations, while the entire enclosure is mounted on the host platform with a thick rubber pad which absorbs low-frequency G-forces. The rubber pad is optional and may be removed for hard mounting.

The Can-Tainer cross section measures 6.00" wide by 5.45" high (not including mounting pad) and is designed to mount PC/104 boards axially along the length of the enclosure body. The Versa-Tainer is a wider version that measures 7.1" wide by 5.7" high. The extra width accommodates EBX boards in addition to PC/104

boards, and it also provides additional room for cable runs along the sides. Both enclosures are available in multiple lengths. To calculate the height of your PC/104 stack, refer to the Ordering Information table. To compute the length of the enclosure you need, add 1-2 inches additional length for each end where cabling will be brought out to I/O connectors.

To mount an EBX format CPU, such as Hercules, inside the Versa-Tainer, use the VT-EBX, which mounts horizontally on the lower two corner guides. Additional PC/104 boards may then be installed on top of the EBX CPU.

Each Can-Tainer and Versa-Tainer comes as a kit with end caps and mounting accessories. Additional blank and pre-designed end caps are available, or you may design your own cutouts using the blank end cap.



### ORDERING INFORMATION

Select length <L> in part numbers below:

<L>	4	4" / 102mm
	5	5" / 127mm
	6	6" / 152mm
	8	8" / 203mm
	10	10" / 254mm
	12	12" / 305mm
CT-<L>	Can-Tainer enclosure; specify length	
VT-<L>	Versa-Tainer enclosure; specify length	
ACC-VT-EBX	EBX mounting plate for Versa-Tainer 8" or longer; includes board mounting hardware	
VT-EC00	Versa-Tainer blank end cap	
VT-EC02	Versa-Tainer end cap, 4x DB9 and 2x DB25	
CT-EC00	Can-Tainer blank end cap	
CT-EC01	Can-Tainer end cap, 4x DB9 and 2x DB25	

### PC/104 STACK HEIGHT

# Boards	1st Board is Non-stackthrough		1st Board is Stackthrough	
	inch	mm	inch	mm
1	0.60	15.2	0.92	23.4
2	1.26	32.1	1.58	40.2
3	1.92	48.9	2.24	57.0
4	2.59	65.7	2.91	73.8
5	3.25	82.5	3.57	90.6
6	3.91	99.3	4.23	107.4
7	4.57	116.1	4.89	124.3
8	5.23	132.9	5.55	141.1

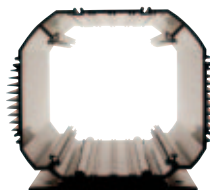
To compute the length of the Pandora, Can-Tainer, or Versa-Tainer enclosure you need, determine the height of your board stack from the table above, then add 1-2 inches more for each end where cables will be brought out to an end cap.



CT-EC00 blank end cap



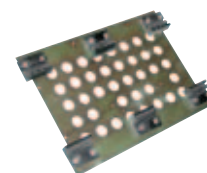
CT-EC01 end cap



Versa-tainer cross section



Can-tainer cross section



ACC-VT-EBX bottom view



Hercules CPU mounted on ACC-VT-EBX in Versa-Tainer