

CT104

PC/104 Can-Tainer

INCLUDES

- 1x Can -Tainer body 2", 4", 5", 6", 8", 10" or 12"
- 1x Anti-shock mounting pad
- 2x CT-EC gaskets
- 4x Corner guides
- 8x Corner rubber stops
- 1x Tube CA glue
- 16x Endcap screws

DESCRIPTION

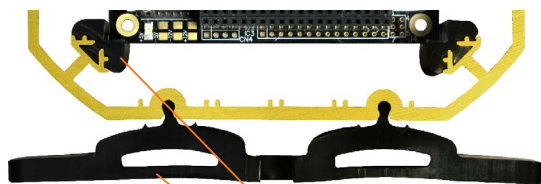
Tri-M's PC/104 Can-Tainer™ is designed specifically to protect PC/104 electronics such as instrumentation, data collectors, remote terminals, SCADA packages or other solutions that operate in hostile environments. The Can-Tainer™ is constructed of 0.125" aluminium that can accommodate any number of PC/104 modules including their cabling and peripherals, with maximum flexibility in a minimum amount of space.

When deploying electronics in mobile or vehicle applications, vibration and G-forces can greatly reduce their life expectancy and reliability. The Can-Tainer™ ensures the PC/104 modules receive maximum protection from vibration and G-forces using a dual system of isolating and absorbing rubber mountings. Internally, each of the four corners of the PC/104 stack is held in place by a rubber corner system, which isolates the PC/104 cards from the extruded aluminum enclosure as it absorbs high frequency vibration. Externally, the anodized aluminum enclosure mates with an optional thick rubber-mounting pad allowing the Can-Tainer™ to be attached to a bulkhead while it absorbs low frequency G-forces.

Custom end caps with any combination of connector holes can be supplied to meet specific client requirements. The Can-Tainer™ is NEMA rated when used with optional end cap gaskets, appropriate end cap and connectors. Each anodized aluminium end cap is securely attached to the housing with eight self-tapping, hex head machine screws. The standard black anodized Can-Tainer™ measures 5.4" x 6.0" (L x W) and comes in a variety of standard heights.

We'd be happy to help you design custom endcaps for your application, contact us for more details on this process. Also, templates are available on our website to help you create your perfect endcap.

Custom endcaps available!



Dual Shock and Vibration control

- Rubber corner mounts
- Rubber mounting pad



Available in a variety of standard heights

- 2", 4", 5", 6", 8", 10" and 12"

CT104

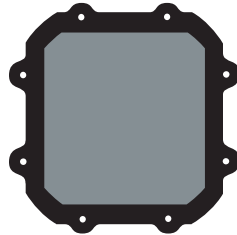
PC/104 Can-Tainer

All of Tri-M's Can-Tainer Endcaps have the following similarities:

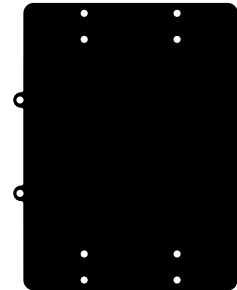
- 5.4" x 5.6"
- Eight bolt holes
- 0.06" anodized aluminum (except CT-EC04)



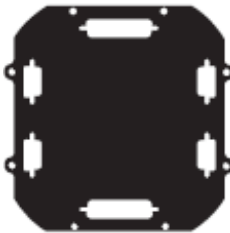
CT-EC00
· Solid End Cap



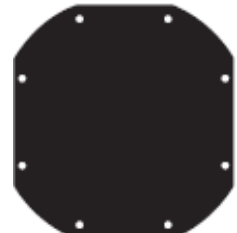
CT-EC04revA
· Heavy Duty Solid End Cap
· 0.25" anodized aluminum
Back view
The grey area is indented from the surface.



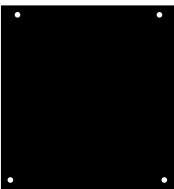
CT-EC-FL
· Flange Endcap



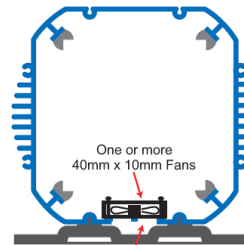
CT-EC01
· 4x DB9
· 2x DB25



CT-EC04revB
· Heavy Duty Solid End Cap
· 0.25" anodized aluminum



PC104-AL00
· For mounting accessory equipment
· 1/16" anodized aluminum
· 3.55" x 3.775"
· PC/104 mounting holes



Fresh air intake hole machined into side of Can-Tainer housing

Mini-Fan Kit
· Miniature fan for forced air flow
· Mounts PC104-AL00, vertical divider or Cantainer body
· Low power 12V @ 58mA operation

ORDERING INFORMATION

Part Number	
CT2	2" Can-Tainer fits 3 PC/104 modules, 32.80oz / 930g
CT4	4" Can-Tainer fits 5 PC/104 modules, 32.80oz / 930g
CT5	5" Can-Tainer fits 8 PC/104 modules, 44.62oz / 1265g
CT6	6" Can-Tainer fits 8 PC/104 modules, 44.62oz / 1265g
CT8	8" Can-Tainer fits 11 PC/104 modules, 73.55oz / 2085g
CT10	10" Can-Tainer fits 14 PC/104 modules, 80.28oz / 2276g
CT12	12" Can-Tainer fits 17 PC/104 modules, 90.44oz / 2564g

ACCESSORIES

PC/104-AL00	Solid PC/104 plate
Mini Fan Kit	Mini Fan for internal air circulation
Cable Kit	3x DB9 male to IDC 10, 2x DB25 female IDC26, and 1x DB9 with 3 screw terminals for connecting main power to V104 / HE104 / HESC104 / HESC-SER
CT-EC00	Solid End Cap
CT-EC01	4x DB9, 2x DB25
CT-EC04revA	Heavy Duty Solid End Cap, 0.25" anodized
CT-EC04revB	Heavy Duty Solid End Cap, 0.25" anodized
CT-EC-FL	Flange Endcap
CT6-VD00	Vertical Divider for 6" Can-Tainer (5.1" x 6")
CT8-VD00	Vertical Divider for 8" Can-Tainer (5.1" x 8")
CT10-VD00	Vertical Divider for 10" Can-Tainer (5.1" x 10")
CT12-VD00	Vertical Divider for 12" Can-Tainer (5.1" x 12")