

Tri-M Engineering

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CanTainer – Rugged PC/104 Enclosure

The CT104 CanTainer is a rugged PC/104 enclosure system constructed of .125" aluminum and designed for hostile and mobile environments. It features 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 that absorbs low-frequency G-forces. The rubber pad may be removed for optional mounting solutions such as hard mounting, flange endcap, or fluidic mount assembly.

The CanTainer 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 entire length of the enclosure body. The enclosure is available in standard lengths from 2" and 12" with custom lengths up to 48".



FEATURES

- › Dual shock and vibration protection system
- › PC/104 mounting
- › Available as a complete kit
- › Passively cooled
- › Easily customized: length, coating, etching, milling, mounting
- › 6063-T5 extruded aluminum
- › .125" thick
- › High-grade extruded rubber
- › Black anodized coating
- › Standard lengths from 2" to 12"