ICE Series   Compact, Rugged and Custom design system

Features

- Flexible, PC/104 enclosure system
- Support custom I/O panel
- Support VESA 100x100mm mounting
- Simply assemble and install
- Rugged and stackable metal design
- Fanless design
- Full IP65 and shockproof design

Introduction

ICOP's ICE Series is a light weight, rugged enclosure purposely designed for PC/104 system able to be used in an environment where wide temperature or drastic shock presents. This unique enclosure system is the first of its kind that provides the ICE (Industrial Custom Enclosure) demand, which makes it a truly flexible, easy design.

Delivering the industry's highest level of PC/104 system serviceability, the ICE Series greatly simplifies field retrofits, reconfigurations, and upgrades. ICOP can custom made the I/O panel according to customer's application within a very short period of time and no minimum orders. ICE provides a compact, light weight and flexible enclosure system by using our fan less CPU module. In the ICOP concept, customer can construct their PC/104 stack and attach cables with in an aluminum box. The ICE Series can be easily expanded to add additional segments. The housing with a water-tight seal, it can meet up to IP65 specification. Furthermore, the vibration isolator will protect PC/104 module assembles. Design your next embedded system with ICOP's new ICE Series.

The panel I/O provides the interface between the PC/104 stack and the outside world. Our unique I/O panel provides industry-standard connectors for the I/O on our ICE Series, including CRT, Ethernet, USB, Serial, Parallel, PS/2, and GPIO. Status LEDs are also included. Two power input options are provided: a circular jack can be used with an AC wall adapter or a single DC voltage. These I/O panel can be custom made by our CNC machine within a very short period of time. Every spec is base on customer's application and design.

The ICE Series also provides a very high degree of protection against damaging shock and vibration energies common to mobile, airborne, shipboard, and other demanding embedded PC/104 environments. The ICE Series will be the next generation of the enclosure embedded system!
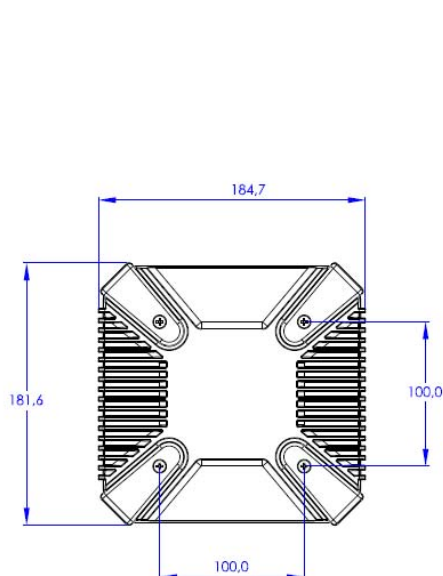
iCOP
intelligent control on processor

Specification

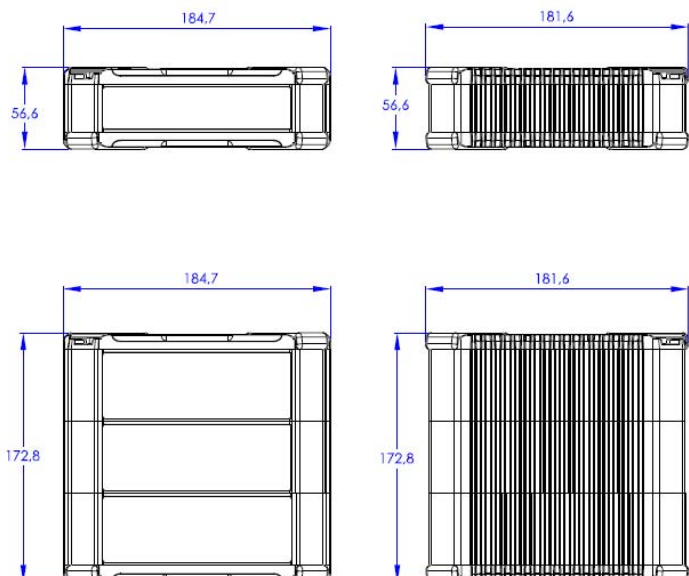| Material:	Aluminum
Dimension:	7.2" x 7.3" x 2.2" (181.6mm x 184.7mm x 56.6mm) up to
	7.2" x 7.3" x 6.8" (181.6mm x 184.7mm x 172.8mm)
Power Supply:	AC-DC PC/104 Power Module / Single +5V DC input
Certificate:	IP65

Custom I/O Panel Side View

Dimension

Front / Bottom View

Side View