



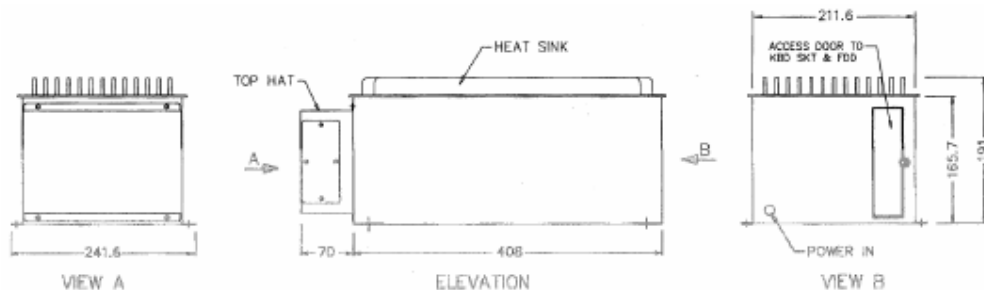
# PC414

## "PC414- a Industrial Computer for Rugged Conditions"

### GENERAL SPECIFICATIONS

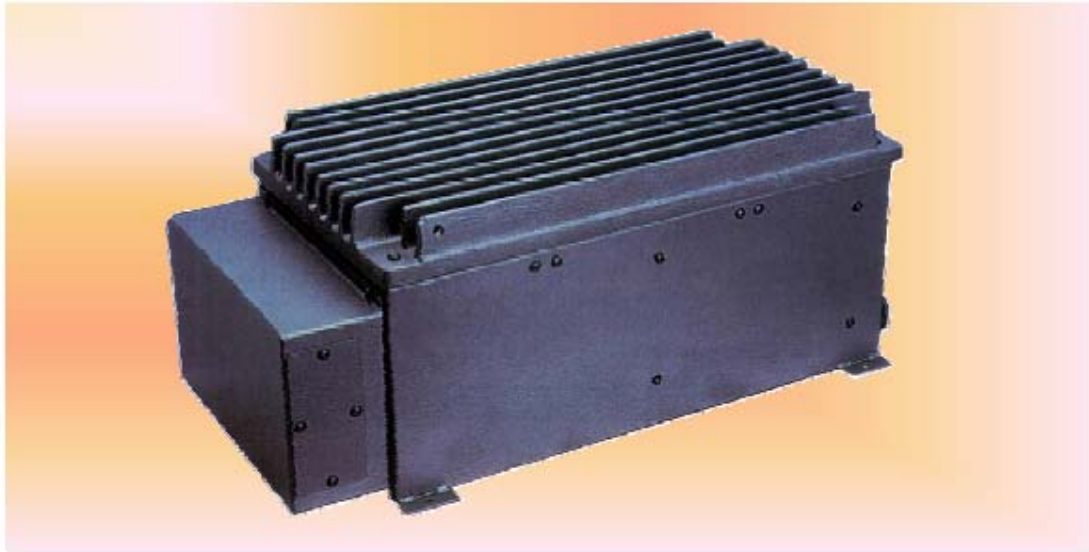
- POWER:** 240V/110V 50/60Hz 120W (others available including DC)
- CPU:** Full range available. Rated up to 60°C.  
CPU up to 1GHz Pentium III compatible, RAM up to 512Mb,  
20Gb HDD, 3.5" FDD, SBC,  
optional Notebook style CD-ROM.
- BACKPLANE:** 6 Slot PCI/ISA. Accommodates 5 full length cards and 1 half length card.  
Optional 6 Slot ISA.
- CONSTRUCTION:** All metal construction. Powder-coated and zinc-plated for corrosion protection. Optional stainless steel casing.
- TEMPERATURE:** Operating: 0 to 50°C Non-operating: -40°C to +70°C  
Unit should be mounted vertically for maximum heat dissipation.
- WEIGHT:** Approx 16kg
- SEALING:** Equivalent to IP65.
- HUMIDITY:** 10 to 90% R.H. non-condensing
- SHOCK:** 40G, 5mS with supplied AV mounts fitted.
- VIBRATION:** 30 to 1000Hz with supplied AV mounts fitted, 2G (2mm max peak to peak)
- INTERFACES:** USB, Parallel, Serial, Ethernet (optional),  
PS/2 keyboard and mouse ports, Video.
- CONFIGURATION:** The PC414 is the standard version. The PC414-CD has the optional CD-ROM. The PC414-SS and PC414-CD-SS have Stainless Steel casing.

### DIMENSIONS





# PC414



The PC414 is a industrial computer for rugged conditions.

The PC414 is a fully sealed shoebox size industrial computer designed for use in rugged environments, with its construction effectively sealing the computer components from potentially damaging dust and moisture. The integral heatsink allows internally generated heat to be efficiently dissipated

The PC414 incorporates a 6 slot PCI/ISA passive backplane (6 slot ISA optional). A full range of 60°C rated processors and other boards are available. The passive backplane provides easy maintenance and a simple upgrade path.

The FDD and optional CD-ROM are accessed via a sealed door. The unit has substantial defences against vibration and shock: there are shock mounts for HDD and FDD; our unique multipoint board clamping system is used; and the whole unit is fitted with anti-vibration mounts.

The PC414 is an Australian product designed and manufactured in Australia by APC Technology, an Australian-owned company with a great track record.

## FEATURES

- FULLY SEALED
- 6 SLOT PCI/ISA PASSIVE BACKPLANE
- MULTIPOINT BOARD CLAMPING
- SHOCK MOUNTING
- CPU OPTIONS
- CD-ROM (OPTION)
- STAINLESS STEEL OPTIONAL
- AUSTRALIAN DESIGNED AND MANUFACTURED



**Due to continuing developments, specifications are subject to change without notice. No Liability is accepted for errors and omissions.**