

Blue Chip Technology



19" Rack Mount PC

ICON

ICON **ICON** ICON

4U 14 Slot Chassis

- 4U High
- 14 slot ISA and PCI/ISA backplanes
- Pentium and Pentium II/III based slot CPU cards
- Up to 2 x 5.25" and 2 x 3.5" drive bays
- Shock mounted drive cage
- Lockable front panel sealed to IP54
- Easy filter access
- 2 x 92mm 12V DC Fans with optional thermistor control
- PSU options
- Benchtop option
- Only 440mm deep
- Service access cover
- Power Stand by Switch
- Reset Switch
- Keyboard connector
- Card support guides
- Optional card clamp for securing different height cards



BS EN ISO 9001
Certificate No 33069

The ICON 4U 14 slot chassis is a 19" Rack Mount or Benchtop chassis which provides a very flexible and rugged system for industrial and commercial applications.

ISA only or PCI/ISA combination backplanes can be fitted with either Pentium or Pentium II/III slot CPU cards which are also designed and manufactured by Blue Chip Technology. These CPU cards have been designed to offer a high degree of on-board functionality in order to maximise slot availability.

Of polished stainless steel construction, the ICON has an outstanding finish and offers excellent durability. It is only 440 mm deep and therefore fits comfortably into a 600 mm industry standard 19" rack. The ICON offers IP54 front panel protection and has a fully lockable drive bay door which also provides access to a keyboard connector, power stand by switch and a reset switch. The drive cage provides shock mounting for two 5.25" and two 3.5" storage devices.

The ICON provides Power rail monitoring and an optional alarm and warning system. An enhanced systems status display offers CPU diagnostics (P.O.S.T.) and internal temperature monitoring. The positively pressurised chassis has two 92mm 12V DC fans drawing air through the front panel filters, which are easily accessed for cleaning or replacing.

There are options for storage media, power supplies, thermistor controlled fans and fully extending heavy duty slide rails for rack mounting applications. Rack mount monitors and keyboard trays are also available.

For companies interested in a specific colour finish with logo, Blue Chip Technology's design and manufacturing facilities offer a full range of customisation services.

The ICON is ideally suited for today's commercial environments such as telecommunications, as well as the more hostile industrial environments.



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ICON 19" Rack Mount PC 4U 14 Slot Chassis

TECHNICAL SPECIFICATION

CONSTRUCTION

Polished stainless steel
4U high
Removable service access cover
Card restraining system (optional)
Shock mounting for drives
Rear access to expansion cards
19" Rack mountable
Front panel handles
Fully extending heavy duty slide rails (optional)
High capacity fans with optional thermistor control
Air filter - 30 PPI
Locking disk drive bay (sealed to IP54)
Secured power, reset etc.
Customised front panel options

POWER SUPPLY

Standard AC
Voltage 90-135/180-265 VAC,
Switch select
Frequency 47-63Hz
Total output power 235W
Optional AC
Voltage 90-132/180-264 VAC,
Switch select
Frequency 48-63Hz
Total output power 300W
Hot Swap option
Please call for further details

ENVIRONMENTAL

Dust/Water Front panel sealed to IP54
Temperature
Operating 0°C to 50°C
Storage -4°C to 60°C
Relative Humidity
Operating 5 to 80% non-condensing
Storage 5 to 90% non-condensing
Altitude
Operating -200m to 3,000m
Shock (operating) 5G (11ms, ½ sine wave)
Vibration (operating) 1.5G or less (10 - 100Hz, 1 octave/min. sweep rate)
1.0G or less (100 - 200Hz, 1 octave/min. sweep rate)
0.5G or less (200 - 600Hz, 1 octave/min. sweep rate)
EMC Emissions EN55022(A) (Emission for IT equipment)
EMC Immunity EN50082-1 (Generic Immunity - Industrial)
Safety EN 60950
Dimensions 4U high, 440mm deep

OPTIONS

Processor
Pentium to Pentium III
Expansion slots
14 slot backplane - ISA, ISA/PCI, PISA
Storage
Up to 2 x 5.25" and 2 x 3.5" drive bays
Card clamp
Low cost card clamp
Slide rails
Fully extending heavy duty slide rails
PSU
Please call for details
Monitors
14" and 17" Rack Mount Monitors
Keyboard Tray
1U and 2U Rack Mount Keyboard Tray
Keyboards
Please call for details
Custom options
Please call to discuss your front panel colour and logo requirements

ORDER GUIDE

Please call or refer to our price list for detailed ordering information.

ISA, ISA/PCI and PISA backplane options. ATX versions available.

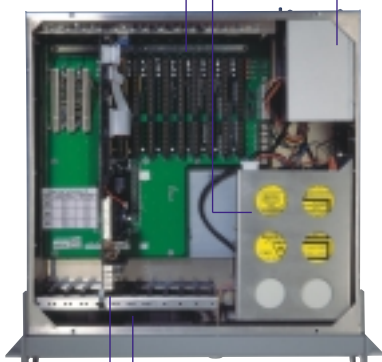
Shock mounted drive cage.

235W, 300W and Hot Swap PSU option.

Card support guides. Optional card clamp for securing different height cards.

2x92mm 12V DC Fans with optional thermistor control.

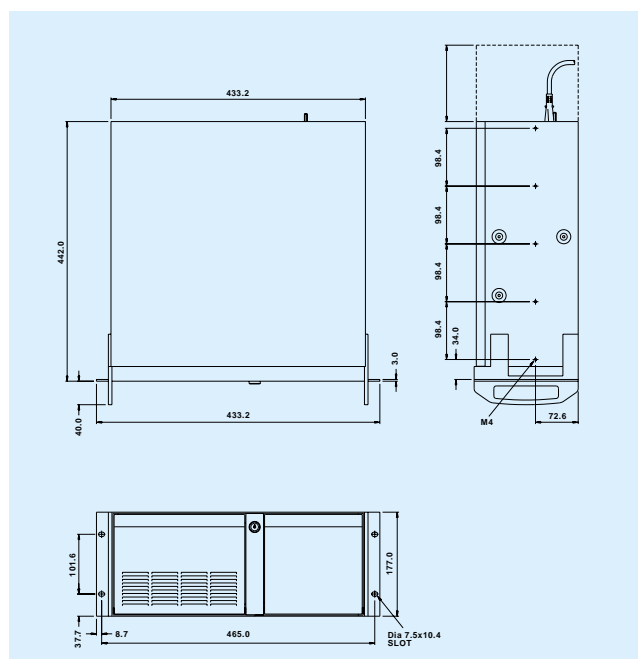
4U 14 Slot Benchtop Chassis



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