



## KEY FEATURES

- ▶ Temperature and fan monitoring
- ▶ Up to 1 x 5.25" and 3 x 3.5" drive bays
- ▶ Lockable front panel designed to IP54
- ▶ Polished stainless steel housing
- ▶ Extruded Aluminium Alloy front Panel
- ▶ Dual front cooling fans
- ▶ Air filter 30 PPI (changeable)
- ▶ Shock mounted drive cage
- ▶ Easy filter access

## Ultima 2U passive backplane chassis

The Ultima is a premium, semi-customisable chassis for applications requiring a superior industrial platform. The stainless steel chassis is as durable as it is attractive; its polished lines reflect Blue Chip Technology's reputation for outstanding quality and design. Available in a 2U passive backplane build, this model offers comprehensive expansion in a small footprint for space intensive applications.

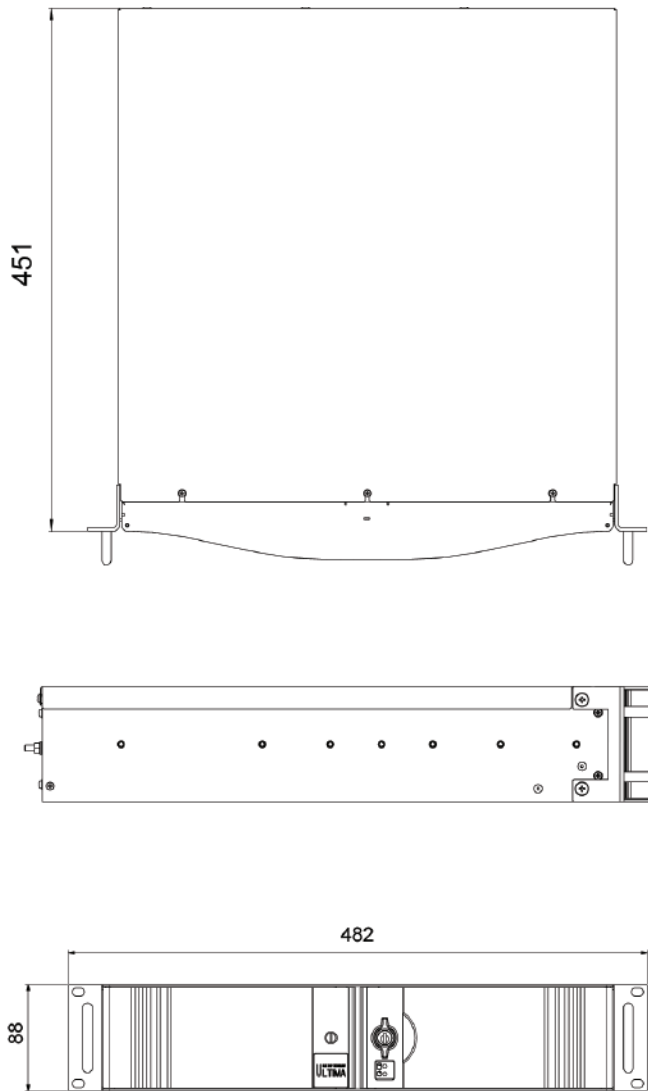
The lockable front panel sealed to IP54 is equipped with one 3.5" externally accessible drive bay and one floppy. Two USB 2.0 ports and the Power/Reset button are also located here for security with easy access. The system status LEDs are fully visible through the panel. The system interior features card support guides and clamps, shock mounted drive bay cages. The plug-in fan option and top cover facilitate unit configuration, installation and maintenance. The unit also supports CPU diagnostics, which monitor internal temperatures and voltage rails.

Designed and manufactured in the UK – the chassis can be adapted to accommodate specific customer requirements. Ultima can be specified for enhanced system redundancy, extended operating temperatures, intensive processing and industry specific regulations.

## CUSTOM OPTIONS

- ▶ ISA support for legacy investment
- ▶ Custom warranty options and spares management
- ▶ Xeon processing
- ▶ Extended operating temperature ranges
- ▶ Low Smoke Zero Halogen (LS0H) designs for rail applications
- ▶ System redundancy - PSU, RAID
- ▶ Quiet PC design
- ▶ Colour finish and branding

# ULTIMA 2U PASSIVE BACKPLANE CHASSIS TECHNICAL SPECIFICATION



## EXPANSION OPTIONS

- ▶ PICMG 1.0 - 4 PCI (1 shared), 1 ISA (Shared), 1 PICMG

## SYSTEM DRIVES

- ▶ 2 internal 3.5" drive bays
- ▶ 1 external 3.5" drive bay
- ▶ 1 external 5.25" drive bays

## APPROVALS

- ▶ EMC Emissions EN55022 (A)
- ▶ EMC Immunity EN55024
- ▶ Safety EN60950

## ENVIRONMENTALS

- ▶ Protection rating - Dust/Water Front Panel designed to IP54
- ▶ Temperature (operating) - Up to 50°C\* depending on processor and cooling configuratios
- ▶ Temperature (storage) -20°C to 70°C
- ▶ Altitude (operating) -200m to 3000m
- ▶ Shock (operating) - 5G (11ms, 1/2 sine waves)
- ▶ 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)

## POWER

- ▶ 300W
- ▶ 400W
- ▶ 300W 24v