



- ▶ Designed for harsh environments
- ▶ Two front USB ports
- ▶ Four 5.25 externally accessible drive bays
- ▶ Long term availability
- ▶ PCI and PCIe expansion
- ▶ Optional removable fan filter
- ▶ Optional Shock Protected Drive bays
- ▶ RAID 0, 1, 5,10 function support

DELTA 4U INDUSTRIAL COMPUTER PICMG 1.3

Delta is Blue Chip Technology's range of off the shelf industrial computers available in a range of flexible configurations to suit applications across the industrial automation, transportation and security sectors.

The 4U Delta configured with a PICMG 1.3 single board computer offers comprehensive PCI and PCIe expansion capabilities and a typical product life cycle of three years. The systems features integrated Intel® 945G Integrated GMA 950 graphics, RAID storage, gigabit LAN and supports the latest Intel Core 2 Duo and Intel® Pentium® Dual Core processors on an industrial platform.

The lockable front panel is equipped with four 5.25 externally accessible drive bays. 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 Delta 4U PICMG industrial computer is Windows Vista ready.

Available as a 19 inch rack-mount or bench mount unit, the Delta 4U PICMG is designed and manufactured in the UK and meets all the requirements of the industrial user including long-term availability, high reliability and chassis robustness.

DELTA 4U PICMG 1.3 INDUSTRIAL COMPUTER TECHNICAL SPECIFICATION

SYSTEM

- ▶ CPU LGA 775 Package - Intel® Core™ 2 Duo E4600 and Intel® Pentium® Dual Core™ E2180 processors
- ▶ BIOS Award BIOS with 4 Mb Flash ROM
- ▶ System Chipset Intel® 945G + ICH7R, FSB 1066/800/533 MHz
- ▶ Dual channel DDR2 533/667 SDRAM up to 4GB
- ▶ Gigabit Ethernet Controller Intel® 82573L
- ▶ Graphics Controller Intel® 945G Integrated Intel® GMA 950
- ▶ Resolution Up to 2048 x1536 @ 75 Hz (QXGA)
- ▶ Watchdog Timer Reset; 1 sec.~255 min. and 1 sec. or 1 min./step

STORAGE

- ▶ 80GB, 250GB or 500GB SATA RAID Edition HDD 7200rpm
- ▶ DVD RW
- ▶ Total drive capacity: 4 x 5.25" external and 2 x 3.5" internal (additional drive controller needed to support all six positions)

EXPANSION

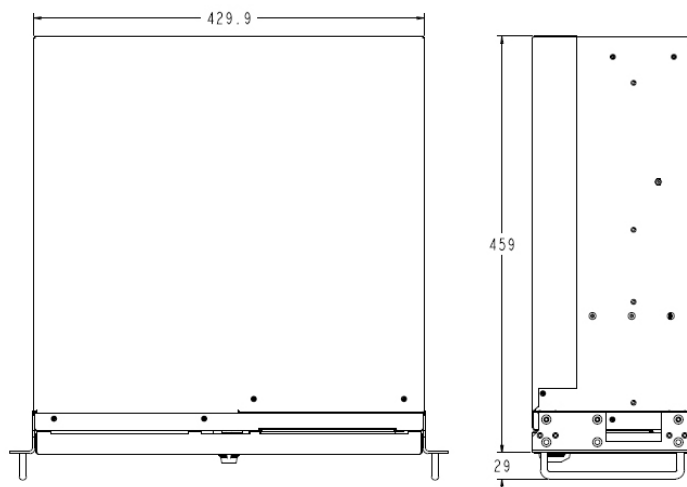
- ▶ 1 PCI Express x 16 slot
- ▶ 3 PCI Express x 1 slots
- ▶ 8 x PCI slots
- ▶ 1 x PICMG slot



FAB114 Backplane

OS SUPPORT

- ▶ Windows Vista, Windows® XP Pro for Embedded Systems
- ▶ For further options please contact Sales



EXTERNAL INTERFACES

- ▶ 2 x front and optional 2 x rear USB 2.0
- ▶ Optional 2 x rear RS232 COM ports
- ▶ 1 x VGA DB-15 connector
- ▶ 1 x Rear Mini-DIN for keyboard and mouse
- ▶ 2 x LAN RJ45 Ethernet
- ▶ Optional 1 x rear parallel port

EMC TESTING AND APPROVALS

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

MECHANICALS

- ▶ 4U 19" Rackmount Standard
- ▶ Heavy duty cold rolled electroplated steel
- ▶ Dimensions: 430(W) x 175(H) x 459(D) mm
- ▶ Packaging size: 650(W) x 580(H) x 400(D) mm
- ▶ Cooling: 2 x 92mm fan
- ▶ Optional Air filter: removable (washable)
- ▶ Weight: approximately 14kg
- ▶ Optional Anti-shock/vibration drive mounting
- ▶ Optional lockable front panel doors

ENVIRONMENTALS

- ▶ Temperature (operating) - Up to 45°C depending on processor and cooling configurations
- ▶ Temperature (storage) -20°C to 70°C

POWER

- ▶ 300W, 115 / 230 VAC nominal input voltage
- ▶ 400W
- ▶ Active PFC
- ▶ Short circuit protection

