



- ▶ Designed for harsh environments
- ▶ Two front USB ports
- ▶ Four 5.25 externally accessible drive bays
- ▶ Long term availability
- ▶ PCI and PCIe expansion
- ▶ Removable fan filter
- ▶ Optional Shock Protected Drive bays

DELTA 4U INDUSTRIAL COMPUTER ATX

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 an ATX motherboard offers a cost-effective industrial platform, where rack space is at a premium. The systems features gigabit LAN, PCI and PCIe expansion and supports the latest Intel Core 2 Duo and Intel® Pentium® Dual Core processors with up to 8 GB of dual channel DDR3 SDRAM on an industrial platform. The PCI Express x 16 slot accommodates a selection of graphics cards to suit the end application.

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 ATX industrial computer is Windows Vista ready

Available as a 19 inch rack-mount or bench mount unit, the Delta 4U 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 ATX INDUSTRIAL COMPUTER TECHNICAL SPECIFICATION

SYSTEM

- ▶ CPU LGA 775 Package - Intel® Core™ 2 Duo E4600 and Intel® Pentium® Dual Core™ E2180 processors
- ▶ 8 Mb Flash EEPROM BIOS with Intel® Platform Innovation Framework for EFI Plug and Play, IDE drive auto-configure
- ▶ Optimized POST for faster access to PC from power-on
- ▶ Four 240-pin DIMM connectors supporting up to 8GB using four double-sided DIMMs of DDR3 1333/1066/800 NON-ECC SDRAM memory
- ▶ High-performance Intel® 82566 Gigabit Network

STORAGE

- ▶ 160GB, 250GB or 1TB SATA RAID Edition HDD 7200rpm
- ▶ DVDRW
- ▶ Total drive capacity: 4 x 5.25" external and 2 x 3.5" internal (additional drive controller needed to support all six positions)

EXPANSION

- ▶ 4 x PCI slots, 2 x PCIe x1 and 1 x PCIe x16 slot

EXTERNAL INTERFACES

- ▶ 2 x front and 6 x rear USBs
- ▶ 1 x rear RS232 COM port
- ▶ 2 x Rear Mini-DIN for keyboard and mouse
- ▶ 1 x LAN RJ45 Ethernet
- ▶ 1 x Audio line in/line out/mic

OS SUPPORT

- ▶ Windows 7, Windows® XP Pro for Embedded Systems
- ▶ For further options please contact Sales

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
- ▶ Air filter: removable (washable)
- ▶ Weight: approximately 14kg
- ▶ Optional Anti-shock/vibration drive mounting

ENVIRONMENTALS

- ▶ Temperature (operating) - Up to 45°C
- ▶ Temperature (storage) -20°C to 70°C

POWER

- ▶ 300W Input current: 115 / 230 VAC
- ▶ 400W
- ▶ Active PFC
- ▶ Short circuit protection

