



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

DELTA 2U 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 2U Delta configured with an ATX motherboard offers a cost-effective industrial platform, where rack space is at a premium. The systems features Intel® Graphics Media Accelerator 4500 onboard graphics, gigabit LAN, PCI and PCIe expansion and supports the latest Intel Core 2 Quad, Duo and Intel® Pentium® Dual Core processors with up to 16 GB of dual channel DDR2 SDRAM on an industrial platform.

The lockable front panel is equipped with two 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 2U ATX industrial computer is Windows Vista ready.

Available as a 19 inch rack-mount or bench mount unit, the Delta 2U 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 2U ATX INDUSTRIAL COMPUTER TECHNICAL SPECIFICATION

SYSTEM

- ▶ CPU LGA 775 Package - Intel®™ 2 Quad Core, Duo Core and Pentium® Dual Core™ 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
- ▶ Onboard G45 Express Chipset, with Intel® GMA X4500HD including built-in support for full 1080p video playback and Intel® Clear Video Technology. Delivers optimized 3D graphics performance and support for DirectX 10, Shader Model 4.0 and OpenGL 2.0.
- ▶ Four 240-pin DIMM connectors supporting up to 16GB using 4 double-sided DIMMs of DDR2 800/667 NON-ECC SDRAM memory
- ▶ High-performance Realtek RTL8112B Gigabit Network

STORAGE

- ▶ 160GB, 250GB, 500GB or 1TB SATA RAID Edition HDD 7200rpm
- ▶ DVD-RW
- ▶ Total drive capacity: 2 x 5.25" external and 2 x 3.5" internal

EXPANSION

- ▶ 2 x PCI and 1 x PCIe x16 slot

EXTERNAL INTERFACES

- ▶ 2 x front and 4 x rear USBs
- ▶ 1 x rear RS232 COM port
- ▶ 1 x VGA DB-15 connector
- ▶ 2 x Rear Mini-DIN for keyboard and mouse
- ▶ 1 x LAN RJ45 Ethernet
- ▶ 1 x IEEE 1394a port
- ▶ 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

- ▶ 2U 19" Rackmount Standard
- ▶ Heavy duty cold rolled electroplated steel
- ▶ Dimensions: 430(W) x 88(H) x 454(D) mm
- ▶ Packaging size: 650(W) x 580(H) x 400(D) mm
- ▶ Cooling: 2 x 80mm fan
- ▶ Air filter: removable (washable)
- ▶ Weight: approximately 13kg
- ▶ Optional Anti-shock/vibration drive mounting

ENVIRONMENTALS

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

POWER

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

