

## KEY FEATURES

- ▶ Dual and single core options
- ▶ PCI Express and PCI Expansion
- ▶ Advanced integrated graphics  
- AMD 780G GPU
- ▶ High Definition Audio with multi-streaming support
- ▶ Dual VGA out (RGB and DVI-D/HDMI)

## CONFIGURATION OPTIONS

- ▶ Advanced PCI Express graphics expansion
- ▶ DVD RW Optical drive
- ▶ Hardware watchdog
- ▶ Wireless LAN
- ▶ TV tuner card



Rackmount options available

## DELTA E2

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 Delta E2 is a highly compact 1U unit for space critical applications. Using Athlon™ 64 single and dual core technology and integrated AMD®780G graphics, the Delta E2 delivers a winning combination of processing power, multimedia support and price. Two optional expansion slots, accommodating PCI Express x 16 and 32-bit PCI cards add to the versatility of this solution. Other features include Gigabit LAN, one serial port, four USB (2.0) ports and optional slim-line DVD RW optical drive. The onboard graphics and VGA, DVI/HDMI display interfaces also make Delta E2 exceptionally well placed for any multimedia based applications.

Designed and manufactured in the UK, the Delta range meets all the requirements of the industrial user including long- term availability, high reliability and chassis robustness. The Delta E2 is EMC tested, fully CE approved and covered by a standard one year warranty.

## SYSTEM

- ▶ AMD AM2 socket with 780G GPU. Supported processors - Athlon™ 64FX / Athlon™ 64 X2 / Athlon™ 64 / Sempron processors
- ▶ Up to 8GB of ultra fast 1066/800/667 MHz ECC/ non-ECC DDR2 SDRAM

## STORAGE

- ▶ 3½-inch Serial ATA II 3Gb/s hard disk drive DDR2 SDRAM
- ▶ Optional slim-line DVD-ROM drive
- ▶ Optional Compact Flash

## OPERATING SYSTEM

- ▶ Windows® XP Pro for Embedded Systems
- ▶ Windows®XP Embedded
- ▶ Linux

## ENHANCED IO

- ▶ PS/2 mouse and keyboard
- ▶ VGA analogue
- ▶ DVI-D (digital only)
- ▶ HDMI interface
- ▶ 1 serial port
- ▶ 4 USB (2.0) ports
- ▶ 1 Ethernet (10/100/1Gb) LAN port, optional wireless LAN

## LOCAL AREA NETWORK

- ▶ Ethernet (10/100/1Gb) LAN
- ▶ Optional Wireless LAN

## EXPANSION

- ▶ Optional PCI Express x 16 expansion card (maximum card length to rear face of card 175mm)
- ▶ Optional 32-bit PCI (2.2) expansion card (maximum card length to rear face of card 175mm)

## DISPLAY/AUDIO

- ▶ AMD 780G GPU
- ▶ Microsoft® DirectX 10.0 support
- ▶ Maximum resolution of 1920x1080p for HDMI display
- ▶ Dual VGA out (RGB and DVI-D/HDMI)
- ▶ AMD UVD (Unified Video Decoder) - a H/W decoder for H.264, VC-1 and mpeg-2 video formats
- ▶ ATI™ Hybrid graphics - discrete and integrated graphics render simultaneously
- ▶ Support for Blue-Ray and HD-DVD content
- ▶ Realtek ALC888GR 7.1-channel CODEC supporting Jack sensing technology and High Definition Audio

## POWER

- ▶ Auto Ranging 115-230V / 4 -2A /60 -50Hz, with IEC320 power inlet
- ▶ Power Modes: Auto Power On, Auto Power Off and Auto Resume, Always Power On (Optional)

## ENVIRONMENTALS

- ▶ Operating temperature range  
No Expansion: +0°C to +50°C  
One Expansion Card: +0°C to +40°C  
Two Expansion Cards: +0°C to +40°C
- ▶ Storage temperature range -20°C to +70°C
- ▶ Relative humidity 10-85% non-condensing
- ▶ Shock and vibration compatible with light industrial usage

## SYSTEM MANAGEMENT

- ▶ CPU & System temperature monitoring
- ▶ Voltage monitoring of CPU Core, DRAM, NB, +3.3V, 12.0V
- ▶ Optional Watchdog - programmable timer, 2.4 to 37 seconds

## DIMENSIONS

- ▶ 425 x 337 x 44.5 mm, excluding the mounting brackets

## WARRANTY

- ▶ Standard 1 year return to base, two years optional extension