

KEY FEATURES

- ▶ Quad and dual core options
- ▶ PCI Express and PCI Expansion
- ▶ Advanced integrated graphics - AMD 880G 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
- ▶ Optional TV tuner card



Rackmount options available

Vario E3

The VARIO E3 is an advanced, slim-line multimedia engine designed to drive large displays screens. With processor support for AM3 socket quad, dual and single core processor series and onboard AMD®880G graphics, the Vario E3 is perfect for 24/7 playout of demanding graphical content. The AMD 880G GPU offloads power and processor-intensive video decoding from the CPU to the graphics core, supporting Microsoft® DirectX 10.1, dual video out (VGA and DVI-D/HDMI) and AMD UVD support for Blu-Ray and HD-DVD content. The on-board audio system may be configured from simple stereo to a full 7.1 surround system, using analogue jacks or High Definition Audio with multi-streaming support.

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, VGA interface, DVI/HDMI interface, one serial port, six USB (2.0) ports and optional slim-line DVD RW optical drive.

Combining performance and quality, the Vario E3 chassis is a ruggedised build, housed in a strong sheet-steel enclosure providing both mechanical and EMC protection. However, it's slim 1U profile means can be mounted in a rack or to the display rear. Special features such as optional hardware system watchdog, wide operating temperature ranges and high MTBF disk drives build reliability into your digital signage installation. The Vario E3 is designed and manufactured in the UK, EMC tested and fully CE approved.

SYSTEM

- ▶ AMD AM3 socket with 880G GPU. Supported processors - Athlon™ 64FX / Athlon™ 64 X2 / Athlon™ 64 / Sempron processors
- ▶ Up to 16GB of ultra fast 1066/800/667 MHz ECC/ non-ECC DDR3 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 7
- ▶ Windows® XP Pro for Embedded Systems
- ▶ Windows®XP Embedded
- ▶ Linux

ENHANCED IO

- ▶ PS/2 Keyboard Connector
- ▶ PS/2 Mouse Connector
- ▶ VGA connector
- ▶ Displayport connector
- ▶ HDMI connector
- ▶ 1 serial port
- ▶ 1 Ethernet (10/100/1Gb) LAN port, optional wireless LAN
- ▶ 6 x Audio Ports
- ▶ 6 x USB 2.0 connectors

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 880G GPU with ATI Radeon™ HD 4250
- ▶ Microsoft® DirectX 10.1 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
- ▶ 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 , Auto Resume, Always Power On (Optional)

ENVIRONMENTALS

- ▶ Operating temperature range +0°C to +50°C (depending on final configuration)
- ▶ Storage temperature range -20°C to +70°C
- ▶ Relative humidity 10-85% non-condensing
- ▶ Shock and vibration 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

- ▶ Trio 3 year return to base warranty