

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

Vario E2

The VARIO E2 is an advanced, slim-line multimedia engine designed to drive large displays screens. With processor support for AM2 and AM2+ socket dual and single core processor series and onboard AMD®780G graphics, the Vario E2 is perfect for 24/7 playout of demanding graphical content. The AMD 780G GPU offloads power and processor-intensive video decoding from the CPU to the graphics core, supporting Microsoft® DirectX 10.0, dual video out (VGA and DVI-D/HDMI) and AMD UVD support for Blue-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, four USB (2.0) ports and optional slim-line DVD RW optical drive.

Combining performance and quality, the Vario E2 chassis is a ruggedised build, housed in a strong sheet-steel enclosure providing both mechanical and EMC protection. However, it's slim 1U footprint 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 E2 is designed and manufactured in the UK, EMC tested and fully CE approved.

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
- ▶ 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