

## KEY FEATURES

- ▶ Dual core processor options
- ▶ Industrial build and temperature range
- ▶ Compact footprint - W300mm x H57mm x D200mm
- ▶ Integrated ATI Radeon Xpress1250 graphics with VGA, DVI, HDMI and component video
- ▶ Gigabit LAN
- ▶ Four USB 2.0 ports
- ▶ Optional Hardware system watchdogs
- ▶ Optional TV / Video In
- ▶ MPEG 2, MPEG 4 and WMV9 hardware acceleration
- ▶ Support for OpenGL format and DirectX® 9.0



## Vario L2

With the Vario L2 – the best just got better. Blue Chip Technology has evolved its popular Vario Lite digital signage player by improving the performance and shrinking the footprint. Using Athlon™ 64 single and dual core technology and integrated ATI Radeon Xpress1250 graphics, the Vario L2 delivers a winning combination of processing power, multimedia support and price.

Leveraging the latest high bandwidth technology such as Firewire, SATA, gigabit LAN and double data rate memory, Blue Chip Technology has raised the bar for overall system speed and efficiency. The onboard graphics support a maximum resolution of 2048x1536 @ 32bpp, HDTV content, MPEG 2, 4 and WMV9 hardware acceleration, ensuring a smooth payout. Display interfaces for VGA, DVI, HDMI and Component Video make the Vario L2 extremely flexible, additional connectivity is provided by four USB 2.0 ports and one COM port. An optional TV in configuration and 8 channel High Definition Audio complete the picture for a fully versatile digital signage solution.

Designed and manufactured in the UK, the Vario L2 chassis is a ruggedised build, equipped to handle the 24/7 demands of signage applications. A compact footprint and universal bracket make it easy to install the player, including direct mounting to the display rear. Special features such as hardware system watchdog, industrial temperature ranges and high MTBF disk drives build reliability into each unit. Blue Chip manage production for platform stability and longevity, making the Vario L2 an essential, low maintenance building block for OOH media installations.

The unit is EMC tested, fully CE approved and covered by a standard one year warranty.

## SYSTEM

- ▶ AMD AM2 socket with 690G GPU. Supported processors - Athlon™ 64FX / Athlon™ 64 X2 / Athlon™ 64 / Sempron processors
- ▶ Up to 2GB DDR2 SDRAM

## STORAGE

- ▶ 3½-inch Serial ATA II 3Gb/s hard disk drive
- ▶ Flash drive
- ▶ Optional Compact Flash

## OPERATING SYSTEM

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

## ENHANCED IO

- ▶ 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

- ▶ One PCI slot for TV In support and other low power PCI cards

## DISPLAY/AUDIO

- ▶ Display interfaces - one VGA, component video, DVI or HDMI
- ▶ TV Out (Component Video)
- ▶ Optional TV In
- ▶ 8 Channel High Definition Audio
- ▶ 2D and 3D Acceleration including support for Full DirectX 9.0 and OpenGL
- ▶ Supports a maximum resolution of 2048x1536 @ 32bpp, including widescreen and HDTV (1920 x 1080i)
- ▶ Motion video hardware decode acceleration for MPEG-2, MPEG-4 decode and WMV9
- ▶ Supports top quality DVD and time-shifted SDTV/HDTV television playback with low CPU usage

## SYSTEM MANAGEMENT

- ▶ CPU and system temperature monitoring and voltage monitoring
- ▶ CPU throttling if temperature limits reached to prevent damage
- ▶ Optional hardware watchdog controller

## POWER

- ▶ Compliant with EPA and ACPI 2.0, ATX soft-off power control
- ▶ Power on by keyboard and mouse, external modem ring, alarm or LAN wake up
- ▶ Power Modes: Auto Power On, Auto Power Off and Auto Resume, Always Power On (Optional)
- ▶ Power Input: 100 - 240 AC input (auto-switched, external power supply)

## ENVIRONMENTALS

- ▶ Operating temperature range +0°C to +40°C
- ▶ Storage temperature range -20°C to +70°C
- ▶ Relative humidity 5-90% non-condensing
- ▶ Shock and vibration compatible with light industrial usage
- ▶ EN55022 Class A – Emissions
- ▶ EN55024 Susceptibility
- ▶ EN60950 and UL60950 Third edition safety

## DIMENSIONS

- ▶ W300mm x H57mm x D200mm

## WARRANTY

- ▶ Standard 1 year return to base. optional two year extension