

KEY FEATURES

- ▶ Dual and single core options
- ▶ PCI Express and PCI Expansion
- ▶ Advanced integrated graphics - Intel® GMA X4500HD
- ▶ High Definition Audio with multi-streaming support
- ▶ Dual VGA out (RGB and Display Port /HDMI)

CONFIGURATION OPTIONS

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



Rackmount options available

Vario E2I

The VARIO E2I is an advanced, slim-line multimedia engine designed to drive large displays screens. Designed for players in the digital signage arena working with Intel based hardware, the Vario E2I incorporates Intel's G45 Northbridge and Intel ICH10R Southbridge chipsets and supports a choice of Intel Core 2 Quad and Core 2 Duo series processors. Memory options allow up to 16GB of 800/667 MHz unbuffered ECC/ non-ECC DDR2 SDRAM.

The integrated next-generation Intel® Graphics Media Accelerator X4500HD, includes built-in support for full 1080p high-definition video playback and Intel® Clear Video Technology - a combination of video processing hardware and software technologies designed to enhance the visual experience. In addition to video, the Intel® G45 Chipset delivers optimized 3D graphics performance and support for Microsoft DirectX* 10, Shader Model* 4.0 and OpenGL* 2.0.

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

- ▶ Intel® Core 2 Duo CPU support with G45 Northbridge and ICH10R Southbridge
- ▶ BIOS: 8Mb Flash EEPROM with LAN Boot, PnP, ACPI, WfM, DMI
- ▶ Memory support for up to 16GB of unbuffered ECC/non-ECC 800/667 MHz DDR2 memory modules

STORAGE

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

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
- ▶ 4 x USB 2.0 connectors
- ▶ 1 1394a port

OPERATING SYSTEM

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

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

- ▶ Dual Output: VGA, DisplayPort, HDMI
- ▶ Maximum resolution of 1920x1080p for HDMI display
- ▶ Picture rotation 0, 90, 180, 270 degrees
- ▶ Intel® Graphics Media Accelerator X4500HD
- ▶ Intel® Clear Video Technology
- ▶ Support for Microsoft DirectX* 10, Shader Model* 4.0 and OpenGL* 2.0.
- ▶ Realtek® ALC888-GR 7.1 Channel Audio

POWER

- ▶ Auto Ranging 115-230V / 4 -2A /60 -50Hz, with IEC320 power inlet

ENVIRONMENTALS

- ▶ Operating temperature range
No Expansion: +0°C to +50°C
One Expansion Card: +0°C to +40°C
- ▶ 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

DIMENSIONS

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

WARRANTY

- ▶ Trio 3 year return to base warranty