



KEY FEATURES

- ▶ Dual and quad core options
- ▶ PCI Express and PCI Expansion
- ▶ Intel® Graphics Media Accelerator 3100 and Intel® Clear Video Technology
- ▶ Intel® High Definition Audio with 5.1 surround sound
- ▶ Eight USB (2.0) ports
- ▶ 2U rack mountable, ruggedised build, housed in a strong sheet-steel enclosure
- ▶ Multiple drive capacity supports RAID implementations



Vario 2U

The VARIO 2U is a powerful industrial grade multimedia engine designed to drive large displays screens. Supporting the Intel® Core™2 Quad and Intel® Core™2 Duo processor range the Vario 2U is perfect for 24/7 playout of demanding graphical content.

With its three available expansion slots, the Delta 2U can support graphics intensive configurations for high-end video playout. The onboard graphics are powered by Intel's G33 Express Chipset, including the integrated Intel® Graphics Media Accelerator 3100 with Intel® Clear Video Technology. Additionally the PCI Express [x16] slot accommodates high performance graphics cards and multi head video outputs. Two further 32-bit PCI slots are available for additional add on cards such as video capture or high-end audio output.

Other features include Gigabit LAN, VGA interface, one serial port, eight USB (2.0) ports and a slim-line DVD RW optical drive. Multiple drive capacity supports RAID implementations. The Intel® High Definition Audio with 5.1 surround sound enables high quality integrated audio that rivals the performance of high-end discrete audio solutions.

Combining performance and quality, the Vario 2U chassis is a rack mountable, ruggedised build, housed in a strong sheet-steel enclosure providing both mechanical and EMC protection. Special features such as wide operating temperature ranges and high MTBF disk drives build reliability into your digital signage installation. The Vario 2U is designed and manufactured in the UK, EMC tested and fully CE approved.

SYSTEM

- ▶ LGA775 package socket with support for the Intel® Core™2 Quad and Duo processors..
- ▶ 2 GB DDR2 SDRAM

STORAGE

- ▶ 3½-inch SATA 80GB hard disk drive
- ▶ DVD-RW drive
- ▶ Optional Compact Flash

OPERATING SYSTEM

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

ENHANCED IO

- ▶ 2 x front and 6 x rear USBs
- ▶ 1 x rear RS232 COM port
- ▶ 1 x VGA DB-15 connector
- ▶ 2 x Rear Mini-DIN for keyboard and mouse
- ▶ 1 x IEEE 1394a port
- ▶ 1 x Audio line in/line out/mic

LOCAL AREA NETWORK

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

EXPANSION

- ▶ 2 x PCI
- ▶ 1 x PCIe x16 slot

DISPLAY/AUDIO

- ▶ Intel® Graphics Media Accelerator 3100 onboard
- ▶ Intel® Clear Video Technology
- ▶ Supports Microsoft DirectX 9.0c Shader Model 2.0 and OpenGL 1.5
- ▶ Intel® High Definition Audio 6 channel (5.1) audio subsystem using the Realtek ALC888 audio codec

POWER

- ▶ 300W Input current: 115 / 230 VAC
- ▶ Active PFC
- ▶ Short circuit protection

ENVIRONMENTALS

- ▶ Temperature (operating) - Up to 45°C depending on processor and cooling configurations
- ▶ Temperature (storage) -20°C to 70°C

SYSTEM MANAGEMENT

- ▶ Processor fan speed control
- ▶ System chassis fan speed control
- ▶ Voltage and temperature sensing
- ▶ Fan sensor inputs used to monitor fan activity
- ▶ Power management support for ACPI 1.0b
- ▶ Cooling: 2 x 80mm fan
- ▶ Air filter: removable (washable)
- ▶ Optional Anti-shock/vibration drive mounting

DIMENSIONS

- ▶ 2U 19" Rackmount Standard
- ▶ Heavy duty cold rolled electroplated steel
- ▶ Dimensions: 430(W) x88(H) x 454(D) mm
- ▶ Packaging size: 650(W) x 580(H) x 400(D) mm
- ▶ Weight: approximately 13kg

WARRANTY

- ▶ Trio 3 year return to base warranty