

EMS Horizon-CPCI

Four screen graphics accelerator for Compact PCI

- Compact PCI four port graphics accelerator - 6u
- Four independent S3 Savage 4 graphics processors (one per channel) for optimum performance
- 8 MBytes SGRAM per channel for high resolutions and stunning image quality (32MBytes in total)
- Up to 1600 x 1200 x 32 bits/pixel per channel
- Video overlay with multi standard support – PAL, NTSC, SECAM and SVideo input formats
- View multiple live video overlay windows simultaneously integrated on the desktop - one per channel
- Chroma-keying for overlaying graphics onto video and video onto graphics
- Horizontal and vertical interpolation for improved picture quality
- 300 MHz pixel clock for high resolution displays
- Support for Windows NT4 and TWIN Control software included

The Horizon-CPCI displays the Windows desktop across four monitors, extending your work area, from a single VGA display.

The Horizon-CPCI has four independent S3 Savage 4 chips and four separate banks of 8 MBytes of SGRAM – one per display channel – to bring superb image quality at high resolution and colour depths. With a top resolution of 1600 x 1200 65,536 colours per screen you can be sure of displaying all the applications you need. If you need more screens, then you can simply install another Horizon-CPCI.

The Horizon-CPCI represents the ultimate integrated solution for multi screen displays, with on-board video decoders for displaying multiple live video windows from a variety of composite video sources.

EMS multi screen video solutions use the latest digital technology for stunning video quality. Multiple independent video windows can be displayed simultaneously, and can be scaled to full screen with horizontal and vertical interpolation for high quality images. Chroma-key support also allows you to overlay graphics onto video and video onto graphics. VisionTV, a special software utility provides intuitive control over video functions.

Every Horizon-CPCI also includes TWIN Control, Datapath's leading screen management and configuration software for the professional approach to screen handling.

