

Advanced Display Technology

Datapath Horizon 2S Range
Dual Screen Graphics Cards



- Single slot dual port graphics accelerator for small form factor PC's.
- Two independent graphics processors (one per channel) for optimum performance.
- 8Mb SGRAM per channel for high resolutions (upto 1600 x 1200, 65,536 colours) and stunning image quality.
- 30Mhz pixel clock for high resolution displays.
- Add-on options for multiple live video and TV overlay on the desktop.
- Support for Windows® 2000 and XP.
- TWIN Control software included.

Designed specifically for the latest hi-tech small form machines, the Datapath Horizon-2S is just 175mm long and provides the perfect solution for dual screen Windows displays, extending your work area while still only occupying one PCI slot.

Essentially, two graphics cards in one, the Horizon-2S has two independent S3 Savage 4 chips and two separate banks of 8MBytes 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 64k colour per screen you can be sure of displaying all the applications you need. If you need more screens, then you can simply install another Datapath Horizon card.

Because small form factor machines have limited PCI slots and no AGP positions, the Datapath Horizon-2S represents the ultimate integrated solution for multi-screen displays. In addition, the Horizon-2S has optional modules for displaying live video or TV overlay windows on the desktop.

Datapath multi-screen 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.

The Datapath Horizon 2-S range also includes, TWIN Control, Datapath's leading screen management and configuration software for the professional approach to screen handling.

Resolution Tables:

Resolution (per screen)	8 bpp -256 colours	16 bpp -65,536 colours	32 bpp -16.7 m colours
640 x 480	Y	Y	Y
800 X 600	Y	Y	Y
1024 X 768	Y	Y	Y
1280 X 1024	Y	Y	Y
1600 X 1200	Y	Y	N

Horizon-2S Dual Screen Displayed Resolutions:

Resolution (per screen)	Horizontal	Vertical
640 x 480	1280 x 480	640 x 960
800 X 600	1600 x 600	800 x 1200
1024 X 768	2048 x 768	1024 x 1536
1280 X 1024	2560 x 1024	1280 2048
1600 X 1200	3200 x 1200	1600 x 2400

Models:

- **Datapath Horizon 2S** – PCI 2 port graphics accelerator to display the windows desktop across two screens.
- **Datapath Horizon 2SVW** – PCI 2 port graphics accelerator with live video overlay.*
- **Datapath Horizon 2SVW-PRO** – 2 port graphics accelerator with high quality video overlays.*

* - Includes a [Video Input Module](#).

For more information on the range of Datapath products contact our sales team at:
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Datapath
Horizon-2S

Dual Port Multi-Screen Graphics Card
For Small Form Factor Machines

