

Expand Your Display Options



Graphics eXpansion Modules

Matrox DualHead2Go and
Matrox TripleHead2Go



Multi-channel digital extension

Matrox Veos Master, Repeater, and
Display Units

See the Difference

Graphics eXpansion Modules (GXMs) are designed to bring multi-display capabilities to desktop computers and notebooks. These small boxes are the ideal solution for any home, business, or professional user looking to use multiple monitors to display additional information or boost productivity. These external solutions are also perfect for closed, already validated systems, or for systems with no expansion slots. **Find out which one is right for you.**



Matrox DualHead2Go

Two-Monitor Graphics Expansion

DualHead2Go is an external multi-monitor upgrade for notebooks and desktop computers. Ideal for business and professional users looking to increase their productivity with a dual monitor setup, this small box lets you run different applications on each monitor or view one application across two monitors. DualHead2Go is available in analog, digital, and DisplayPort editions.

Matrox TripleHead2Go

Three-Monitor Graphics Expansion

TripleHead2Go provides the ultimate surround graphics experience. With maximum onscreen desktop space, professionals can run a 3D visualization application stretched across three monitors or run a multitude of program windows fullscreen within each display. It also allows dual-monitor modes, so you can start with two displays, then upgrade to three at any time. TripleHead2Go is available in analog, digital, and DisplayPort editions.

Matrox Veos

Multiple-Monitor Digital Extension

Based on the same graphics expansion technology as DualHead2Go and TripleHead2Go, Veos was designed to extend three channels of content to multiple monitors—at a distance. Veos is comprised of three components: master, display, and repeater unit, each providing over 100m (330ft) of digital extension per component. This product was designed specifically for multi-display digital signage. The plug-and-play components makes Veos a highly flexible and scalable solution.

Expand Your Display Options

GXMs work in conjunction with your system's existing GPU to enable the addition of two or three displays to your computing environment. Graphics eXpansion Modules are not splitters—the resolution is not stretched to fit within two or three displays. What you see on your monitors are true extra pixels rendered. You actually see two or three times more desktop content than with a single monitor.



Use DualHead2Go or TripleHead2Go to increase your productivity by spreading your work across more than one monitor.

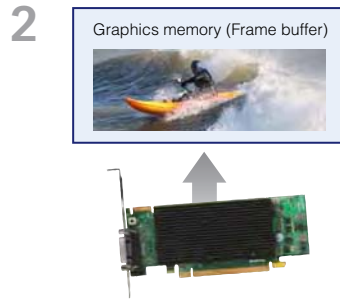


Use Veos to extend digital signage across many displays through your retail, night club, or entertainment venue.

How Graphics eXpansion Modules Work



1 To your system, the GXM is seen as one monitor. It reports the resolution of connected displays as if they were a single ultra-widescreen panel.



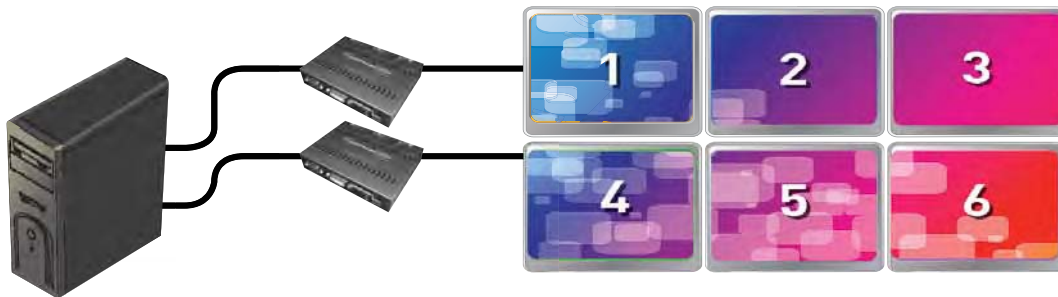
2 Your GPU renders the ultra-wide resolution as it would normally for any display, and outputs it to the GXM.



3 The GXM then divides the resolution and outputs it to your two or three attached monitors, or into three channels for Veos (see below).

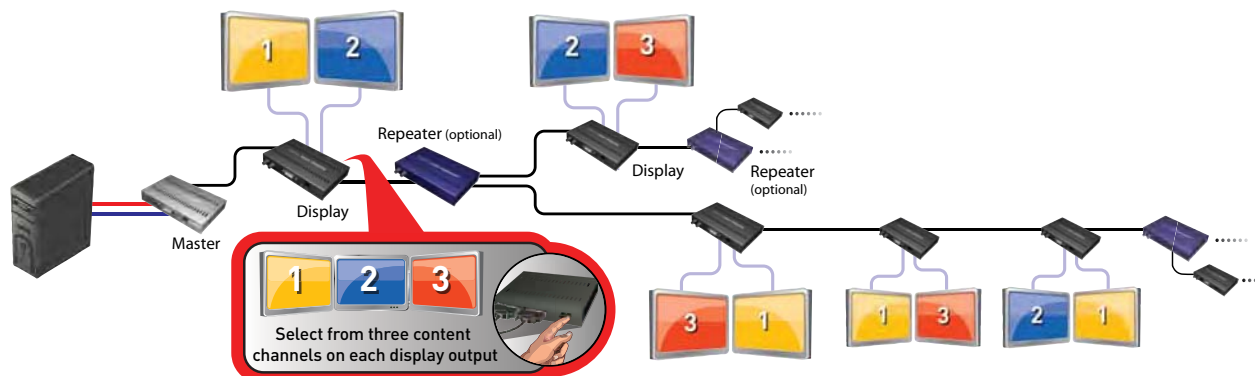
Double your Displays with Multi-GXM Support

Connect two DualHead2Go or TripleHead2Go of the same make/model to drive double the number of displays. Independent desktop support available with supported Matrox M-Series, ATI and NVIDIA graphics cards. Stretched desktop support available with Matrox M-Series cards. For a complete list of supported graphics hardware and resolutions, visit the Matrox GXM Compatibility List at www.matrox.com/graphics



Matrox Veos - Graphics Expansion, then Digital Extension

The Veos Master unit uses the same patent-pending technology found in GXMs to divide an ultra-wide resolution into up to three unique channels. These channels are then transmitted via a single coax cable to Veos Display units attached to screens. Display units can be toggled to show content from any of the channels, and daisy-chained with virtually unlimited numbers of other Veos Display or Repeater units.



Pick the Graphics eXpansion Module that's right for you.

For complete product specifications and details, please visit www.matrox.com/graphics.

	Matrox DualHead2Go Analog Edition	Matrox DualHead2Go Digital Edition	Matrox DualHead2Go DP Edition ²	Matrox TripleHead2Go ² Analog Edition	Matrox TripleHead2Go Digital Edition	Matrox TripleHead2Go DP Edition
Part Numbers	D2G-A2A-IF	D2G-A2D-IF	D2G-DP-IF	T2G-A3A-AJF T2G-A3A-EUF T2G-A3A-FEF	T2G-D3D-IF	T2G-DP-IF
Max. # of Display	2	2	2	2 or 3	2 or 3	2 or 3
Connectors	VGA x 1 (input) VGA x 2 (outputs) USB x 1	VGA x 1 (input) DVI-I x 2 (outputs) USB x 1	DP x 1 (input) DP x 2 (outputs) USB x 1	VGA x 1 (input) VGA x 3 (outputs) DC power input x 1	VGA x 1 (input) DVI-DL x 1 (input) DVI-I x 3 (outputs) USB x 1	DP x 1 (input) DP x 3 (outputs) USB x 1
Maximum Resolution (Per Display)¹	Analog 2x 1280x1024	DVI 2x 1920x1200 ³ Analog 2x 1920x1200 ³	DisplayPort 2x 1920x1200 DVI 2x 1920x1200 Analog 2x 1920x1200	Analog 3x 1280x1024 or 2x 1680x1050	DVI 3x 1680x1050 ³ 2x 1920x1200 ³ Analog 3x 1280x1024 2x 1680x1050	DisplayPort 3x 1680x1050 2x 1920x1200 DVI 3x 1680x1050 2x 1920x1200 Analog 2x 1920x1200
Hardware Included	2-ft VGA-to-VGA (analog) monitor cable, USB cable	2-ft VGA-to-VGA (analog) monitor cable, USB cable, 2-ft DVI-to-VGA monitor cable.	DP-to-DP input cable, USB cable	2-ft VGA-to-VGA monitor cable, 2-ft DVI-to-VGA monitor cable, external 5VDC power adapter, region-specific power cable(s)	2-ft VGA-to-VGA monitor cable, 2-ft DVI-to-DVI monitor cable USB cable	DP-to-DP input cable, USB cable
Dimensions	3.8"x 3.6"x0.94" (9.6x9.2x2.4cm)	4.4"x5.5"x1.1" (11.3x14x2.8cm)	3.5" x 3.8" x 1.1" (8.9x9.7x2.8cm)	3.8"x4.2"x0.94" (9.6x10.7x2.4cm)	4.4"x5.5"x1.1" (11.3x14x2.8cm)	3.5" x 3.8" x 1.1" (8.9x9.7x2.8cm)
List Price USD	\$169	\$229	\$229	\$299	\$329	\$329

¹ System dependent. Maximum resolutions supported may vary, please check website for complete list. ² Requires TMET for Windows XP only. ³ Supported with digital (DVI) displays only.

	Matrox Veos Master Unit	Matrox Veos Display Unit	Matrox Veos Repeater Unit
Part Numbers	VS-MSTR-0F	VS-DSPL-0F	VS-RPTR-0F
Extension distance	100m	100m	100m (2 outputs)
Maximum Resolution Support	1 channel 1920x1200 2 channels 3840x1200 (2x 1920x1200) 3 channels 4080x768 (3x 1360x768)	1 channel 1920x1200 2 channels 3840x1200 (2x 1920x1200) 3 channels 4080x768 (3x 1360x768)	1 channel 1920x1200 2 channels 3840x1200 (2x 1920x1200) 3 channels 4080x768 (3x 1360x768)
Connectors¹	1 DVI-D input, 1 VGA input, 1 serial input (DB-9) 1 coax output (BNC), 1 USB connector	1 coax input (BNC), 2 DVI-I outputs ¹ , 1 serial output (DB-9) 1 coax output (BNC), 1 USB connector	1 coax input (BNC), 2 coax output (BNC) 1 RJ 45 input, 2 RJ 45 outputs (power) [*] *Used for power (PoE)
Dimensions	6.63"x5.19"x1.25" (16.84x13.18x3.18cm)	6.63"x5.19"x1.25" (16.84x13.18x3.18cm)	6.63"x5.19"x1.25" (16.84x13.18x3.18cm)
Power	5V, 3A, 15 watts (incl.)	5V, 3A, 15 watts (incl.)	PoE: 1 power supply can power up to 10 Repeaters (incl.)
List Price USD	\$995	\$795	\$295

¹ DVI-to-HD15 adapter included in the box.

Learn More or Purchase

Matrox Graphics offers a wide range of specialized graphics solutions for professional markets such as finance, digital media, medical imaging, and enterprise computing. For more information about the entire Matrox Graphics product line, visit www.matrox.com/graphics. To locate the local office nearest to you, visit www.matrox.com/graphics/contact. For product support, contact your Matrox representative or visit www.matrox.com/graphics/support.

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