

matrox  
**TripleHead2Go**  
Digital Edition  
[www.matrox.com/graphics](http://www.matrox.com/graphics)

## See the Possibilities.

Matrox Graphics offers the most extensive line of reliable multi-display solutions on the market today.

# Product Lineup

## Matrox Multi-Display Graphics Cards

A pioneer in multi-monitor graphics technology, Matrox offers the most extensive line of multi-display graphics solutions — dual, quad and beyond — on the market today. We work hard to deliver the optimal combination of fanless design, low power consumption, best-of-breed 2D image quality, high MTBF and long product life cycles. Our solutions offer flexible multi-display configurations — from stretched to independent, in pivot and clone mode for widescreen and custom monitors — to give you more workspace to see and do more.

Product	Part Number	Max. # of Displays			Card Type	Graphics Memory	Form Factor Card/Bracket	Board Connectors	Maximum Resolutions (Per Display)		List Price USD
		Digital	Analog	Total					Digital	Analog	
<b>M-Series - 512MB of memory. Dual and quad multi-monitor support. Exceptional performance.</b>											
M9120 PCIe x16	M9120-E512F	2	2	2	PCIe x16	512MB DDR2	ATX / ATX	DVI-I x 2	1920x1200	2048x1536	\$259
M9125 PCIe x16	M9125-E512F	2	2	2	PCIe x16	512MB DDR2	ATX / ATX	DVI-I x 2	1920x1200 and 2560x1600	2048x1536	\$399
M9120 Plus LP PCIe x16	M9120-E512LPUF	2	4	4	PCIe x16	512MB DDR2	LP / LP & ATX	LFH-60	1920x1200	2048x1536 (x2) or 1920x1200 (x3, x4) <sup>4</sup>	\$329
M9120 Plus LP PCIe x1	M9120-E512LAU1F	2	4	4	PCIe x1	512MB DDR2	LP / ATX & LP	LFH-60	1920x1200	2048x1536 (x2) or 1920x1200 (x3, x4) <sup>4</sup>	\$329
M9140 LP PCIe x16	M9140-E512LAF	4	4	4	PCIe x16	512MB DDR2	LP / ATX & LP	KX20-100	1920x1200	1920x1200	\$599
<b>P-Series - Ultra-low power consumption. Fanless cooling. Dual and quad multi-monitor support. Easy to deploy.</b>											
P690 PCIe x16	P69-MDDE128F	2	2	2	PCIe x16	128MB	ATX / ATX	DVI-I x 2	1920x1200	2048x1536	\$199
P690 PCI	P69-MDDP128F	2	2	2	PCI	128MB	ATX / ATX	DVI-I x 2	1920x1200	2048x1536	\$199
P690 LP PCIe x16	P69-MDDE128LPF	2	2	2	PCIe x16	128MB	LP / LP & ATX	LFH-60	1920x1200	2048x1536	\$249
P690 LP PCIe x1	P69-MDDE128LA1F	2	2	2	PCIe x1	128MB	LP / ATX & LP	LFH-60	1920x1200	2048x1536	\$249
P690 Plus LP PCIe x16	P69-MDDE256LAUF	2	4	4	PCIe x16	256MB	LP / ATX & LP	LFH-60	1920x1200	2048x1536 (x2), 1920x1200 (x3, x4) <sup>1, 4</sup>	\$289
P690 Plus LP PCI	P69-MDDP256LAUF	2	4	4	PCI	256MB	LP / ATX & LP	DVI-I x 2	1920x1200	2048x1536 (x2), 1920x1200 (x3, x4) <sup>1, 4</sup>	\$289
<b>G-Series - Cost-effective and highly flexible DualHead graphics cards.</b>											
G550 PCIe	G55-MDDE32F	2	2	2	PCIe x1	32MB	ATX / ATX	DVI-I x 2	1280x1024 <sup>1</sup>	2048x1536 (main), 1600x1200 (secondary)	\$139
G550 LP PCIe	G55-MDDE32LPDF	2	2	2	PCIe x1	32MB	LP / LP & ATX	LFH-60	1280x1024 <sup>1</sup>	2048x1536 (main), 1600x1200 (secondary)	\$169
G550	G55+MDHA32DSF	2	2	2	AGP 4x	32MB	ATX / ATX	DVI-I, HD15	1280x1024 <sup>1</sup>	2048x1536 (main), 1600x1200 (secondary)	\$125
G550 LP PCI	G55MDDAP32DSF	2	2	2	PCI, 32-bit, 66 MHz	32MB	LP / ATX & LP	LFH-60	1280x1024 <sup>1</sup>	2048x1536 (main), 1600x1200 (secondary)	\$149
G550 Dual DVI	G55MADDA32DSF	2	2	2	AGP 4x	32MB	LP / ATX & LP	LFH-60	1280x1024 <sup>1</sup>	2048x1536 (main), 1600x1200 (secondary)	\$149
<b>QID Series - Flexible. Stable. Quad-monitor support. More workspace - to see and do more.</b>											
QID LP PCIe	QID-E128LPAF	4	4	4	PCIe x16	128MB	LP / ATX & LP	KX20-100	1600x1200 <sup>2</sup>	1600x1200 <sup>2</sup>	\$799
QID Low-profile PCI	QID-P128LPAF	4	4	4	PCI, 32-bit, 66 MHz	128MB	LP / ATX & LP	KX20-100	1600x1200 <sup>2</sup>	1600x1200 <sup>2</sup>	\$799
QID Pro	QID-P256PROF	4	4	4	PCI, 64-bit, 66 MHz	256MB	ATX / ATX	LFH-60 x 2	1600x1200 <sup>1</sup>	1600x1200 <sup>1</sup>	\$999
QID	QID-QDA8X128F	4	4	4	AGP 8x	128MB	ATX / ATX	LFH-60 x 2	1600x1200 <sup>2</sup>	1600x1200 <sup>2</sup>	\$599

## Thin Computing Series

Matrox Epica and P690 dual- and quad-display graphics cards are specially designed for thin computing environments with their low power consumption, passive (fanless) cooling, and PCI and PCIe bus interfaces. These graphics cards come with innovative, server-based software to manage multi-display configurations in remote sessions.

Product	Part Number	Max. # of Displays			Card Type	Graphics Memory	Form Factor Card/Bracket	Board Connectors	Maximum Resolutions (Per Display)		List Price USD
		Digital	Analog	Total					Digital	Analog	
<b>P690 Series - Several form factors. Ultra-low power. Dual and quad multi-monitor support. Easy to deploy.</b>											
P690 PCIe x16	P69-MDDE128F	2	2	2	PCIe x16	128MB	ATX / ATX	DVI-I x 2	1920x1200	2048x1536	\$199
P690 PCI	P69-MDDP128F	2	2	2	PCI	128MB	ATX / ATX	DVI-I x 2	1920x1200	2048x1536	\$199
P690 LP PCIe x16	P69-MDDE128LPF	2	2	2	PCIe x16	128MB	LP / LP & ATX	LFH-60	1920x1200	2048x1536	\$249
P690 LP PCIe x1	P69-MDDE128LA1F	2	2	2	PCIe x1	128MB	LP / ATX & LP	LFH-60	1920x1200	2048x1536	\$249
P690 Plus LP PCIe x16	P69-MDDE256LAUF	2	4	4	PCIe x16	256MB	LP / ATX & LP	LFH-60	1920x1200	2048x1536 (x2), 1920x1200 (x3, x4) <sup>1, 4</sup>	\$289
P690 Plus LP PCI	P69-MDDP256LAUF	2	4	4	PCI	256MB	LP / ATX & LP	DVI-I x 2	1920x1200	2048x1536 (x2), 1920x1200 (x3, x4) <sup>1, 4</sup>	\$289
<b>Epica Series - Low-profile. Fanless. Low power consumption. Dual and quad multi-monitor support.</b>											
Epica TC2-Lite	EPI-TC2P32LPAF	2	2	2	PCI, 32-bit, 33/66 MHz	32MB	LP / ATX & LP	LFH-60	1280x1024 <sup>1</sup>	2048x1536(x1),1600x1200 (x2)	\$199
Epica TC2	EPI-TC2P64LPAF	2	2	2	PCI, 32-bit, 33 MHz	64MB	LP / ATX & LP	LFH-60	1920x1200	2048x1536 (x1), 1920x1440 (x2)	\$309
Epica TC4	EPI-TC4P128LPAF	4	4	4	PCI, 32-bit, 33 MHz	128MB	LP / ATX & LP	KX20-100	1600x1200	1600x1200	\$849

<sup>1</sup> The resolution & refresh rate of each display must be the same. <sup>2</sup> Supports independent resolutions on two displays <sup>3</sup> Cable pricing details available at [www.matrox.com/graphics](http://www.matrox.com/graphics) <sup>4</sup> 1920x1200 supported with quad analog upgrade cable  
Visit [www.matrox.com/graphics](http://www.matrox.com/graphics) for all software and hardware upgrade options and complete product line details.

Cable Description	Cable Upgrade(s) <sup>3</sup>	
	Cable Part Number	
—	—	
—	—	
LFH-60 to 4xHD15 Analog	CAB-L60-4XAF	
LFH-60 to 4xHD15 Analog	CAB-L60-4XAF	
—	—	
—	—	
LFH-60 to 2xDVI-D (6ft)	CAB-L60-2XD6F	
LFH-60 to 2xDVI-D (6ft)	CAB-L60-2XD6F	
LFH-60 to 4xHD15 Analog & LFH-60 to 2xDVI-D (6ft)	CAB-L60-4XAF & CAB-L60-2XD6F	
LFH-60 to 4xHD15 Analog & LFH-60 to 2xDVI-D (6ft)	CAB-L60-4XAF & CAB-L60-2XD6F	
—	—	
HD15 to 1xSDTV (TV-OUT)	CAB-HD15-TVF	
HD15 to 1xSDTV (TV-OUT) & LFH-60 to 2xDVI-D (6ft)	CAB-HD15-TVF & CAB-L60-2XD6F	
HD15 to 1xSDTV (TV-OUT)	CAB-HD15-TVF	
HD15 to 1xSDTV (TV-OUT) & LFH-60 to 2xDVI-I (1ft) & LFH-60 to 2xDVI-D (6ft)	CAB-HD15-TVF & CAB-L60-2XD6F & CAB-L60-2XD6F	
HD15 to 1xSDTV (TV-OUT) & LFH-60 to 2xDVI-I (1ft) & LFH-60 to 2xDVI-D (6ft)	CAB-HD15-TVF & CAB-L60-2XD6F & CAB-L60-2XD6F	
—	—	
KX20-100 to 4xSDTV (TV-OUT)	CAB-KX20-QTVF	
KX20-100 to 4xSDTV (TV-OUT)	CAB-KX20-QTVF	
LFH-60 to 2xSDTV & LFH-60 to 2xDVI-D (6ft)	CAB-L60-2XTVF & CAB-L60-2XD6F	
LFH-60 to 2xSDTV & LFH-60 to 2xDVI-D (6ft)	CAB-L60-2XTVF & CAB-L60-2XD6F	

Description	Cable Upgrade(s) <sup>3</sup>	
	Cable Part Number	
—	—	
—	—	
LFH-60 to 2xDVI-D (6ft)	CAB-L60-2XD6F	
LFH-60 to 2xDVI-D (6ft)	CAB-L60-2XD6F	
LFH-60 to 4xHD15 Analog & LFH-60 to 2xDVI-D (6ft)	CAB-L60-4XAF & CAB-L60-2XD6F	
LFH-60 to 4xHD15 Analog & LFH-60 to 2xDVI-D (6ft)	CAB-L60-4XAF & CAB-L60-2XD6F	
—	—	
HD15 to 1xSDTV (TV-OUT) & LFH-60 to 2xDVI-D (6ft)	CAB-HD15-TVF & CAB-L60-2XD6F	
HD15 to 1xSDTV (TV-OUT) & LFH-60 to 2xDVI-D (6ft)	CAB-HD15-TVF & CAB-L60-2XD6F	
KX20-100 to 4xSDTV (TVOUT)	CAB-KX20-QTVF	

## Graphics eXpansion Modules

Add external multi-monitor support to laptops, desktops and workstations. Customers benefit from multi-display computing — without the need to open PC chassis.

Product	Part Number	Max. # of Displays			Connectors	Maximum Resolutions (Per Display) <sup>1</sup>		Hardware Included	Dimensions	List Price USD
		Digital	Analog	Total		Digital	Analog			
DualHead2Go Analog Edition	D2G-A2A-IF	—	2	2	VGA x 3 (1 input, 2 outputs) USB x 1	N/A	1280x1024	2-ft VGA-to-VGA (analog) monitor cable, USB cable	3.8"x 3.6"x0.94" (9.6x9.2x2.4cm)	\$169
DualHead2Go Digital Edition	D2G-A2D-IF	2	2	2	VGA x 1 (input) DVI-I x 2 (output) USB x 1	1920x1200	1680x1050	2-ft VGA-to-VGA (analog) monitor cable, USB cable, 2-ft DVI-to-VGA monitor cable.	3.9"x5.5"x1.3" (10.0x14.0x3.2cm)	\$229
TripleHead2Go Analog Edition	T2G-A3A-AJF <sup>2</sup> T2G-A3A-EUF <sup>2</sup> T2G-A3A-FEF <sup>2</sup>	—	3	3	VGA x 4 (1 input, 3 outputs) DC power input x 1	N/A	1280x1024	2-ft VGA-to-VGA monitor cable, 2-ft DVI-to-VGA monitor cable, external 5VDC power adapter, region-specific power cable(s)	3.8"x4.2"x0.94" (9.6x10.7x2.4cm)	\$299
TripleHead2Go Digital Edition	T2G-D3D-IF	3	3	3	VGA x 1 (input) DVI-DL x 1 (input) DVI-I x 3 (outputs) USB x 1	Widescreen <sup>3</sup> 1680x1050 Standard 1280x1024	Widescreen <sup>3</sup> 1680x1050 Standard 1280x1024	2-ft VGA-to-VGA monitor cable, 2-ft DVI-to-DVI monitor cable USB power cable	4.4"x5.5"x1.1 (11.3x14x2.8cm)	\$329

<sup>1</sup> Maximum resolution supported is system dependent, please visit [www.matrox.com/graphics/en/support/gxm](http://www.matrox.com/graphics/en/support/gxm) for details.

<sup>2</sup> The part number for North America and Japan uses "AJ" while the part number for Europe and the rest of Asia uses "EU" or "FE", respectively.

<sup>3</sup> Available when TripleHead2Go Digital Edition is connected to the system's dual-link DVI output with Windows XP and Vista operating systems.

## Multi-Channel Digital Extension

Transfer multiple channels of content along a single copper-based cable with over 100m of extension per component across an unlimited number of iterations, with zero loss to image quality — guaranteed.

Product	Part Number	Max. # of Displays			Connectors	Maximum Resolutions (Per Display)		Dimensions	List Price USD
		Digital	Analog	Total		Digital	Analog		
Veos Master Unit	VS-MSTR-0F	—	—	—	1 DVI-D input, 1 HD15 input, 1 serial input (DB-9) 1 coax output (BNC), 1 USB connector	1920x1200	1920x1200	6.63"x5.19"x1.25" (16.84x13.18x3.18cm)	\$995
Veos Display Unit	VS-DSPL-0F	2	2	2	1 coax input (BNC), 2 DVI-I outputs <sup>1</sup> , 1 serial output (DB-9) 1 coax output (BNC), 1 USB connector	1920x1200	1920x1200	6.63"x5.19"x1.25" (16.84x 13.18x 3.18cm)	\$795
Veos Repeater Unit	VS-RPTR-0F	—	—	—	1 coax input (BNC), 2 coax output (BNC) 1 RJ 45 input, 2 RJ 45 outputs (power) <sup>1</sup> Used for power (PoE)	—	—	6.63"x5.19"x1.25" (16.84x 13.18x 3.18cm)	*

<sup>1</sup> DVI-to-HD15 adapter included in the box.

\* Please contact a Matrox representative for pricing details.

## Remote Graphics Units

Separate standard peripherals — keyboard, video and mouse — from the computer by up to 250m (820ft) with fiber-optic cabling to deliver a user experience with less noise, less heat and more workspace.

Product	Part Number	Max. # of Displays			Graphics Memory	Connectors	Maximum Resolutions (Per Display)		Dimensions
		Digital	Analog	Total			Digital	Analog	
Extio F1220	XTO-F1220F	2	2	2	128MB	2 DVI-D, 2 HD15, 6 USB 2.0 ports, digital and analog audio connectors, dual-LC fiber-optic connector, power input, 2 FireWire ports	1920x1200	1920x1200	11.8"x1.2"x5.6" (30.0x2.9 x14.2cm)
Extio F1240	XTO-F1240F	2	2	2	128MB	2 dual-link DVI-D, 2 HD15, 6 USB 2.0 ports, digital and analog audio connectors, dual-LC fiber-optic connector, power input	2560x1600	1920x1200	11.8"x1.2"x5.6" (30.0x2.9x14.2cm)
Extio F1400	XTO-F1400F	4	4	4	128MB	4 DVI-I connectors <sup>1</sup> , 6 USB 2.0 ports, digital and analog audio connectors, dual-LC fiber-optic connector, power input	1920x1200	1920x1200	11.8"x1.2"x5.6" (30.0x2.9x14.2cm)
Extio F1420	XTO-F1420F	4	4	4	128MB	4 DVI-I connectors <sup>1</sup> , 6 USB 2.0 ports, digital and analog audio connectors, dual-LC fiber-optic connector, power input, 2 FireWire ports	1920x1200	1920x1200	11.8"x1.2"x5.6" (30.0x2.9x14.2cm)

<sup>1</sup> Four DVI-to-HD15 adapters included in the box.

Note: Fiber-optic cable and Matrox interface card for either PCI (part #: XTOA-FP66LPAF) or PCIe (part #: XTOA-FESLPAF) sold separately. Contact Matrox for compatibility information.

## Learn More or Purchase

Matrox Graphics offers a wide range of specialized graphics solutions for professional markets such as security, finance, digital media, medical imaging, and enterprise computing. For more information about the entire Matrox Graphics product line, visit [www.matrox.com/graphics](http://www.matrox.com/graphics).

To locate the local office nearest you, visit [www.matrox.com/graphics/contact](http://www.matrox.com/graphics/contact). For product support, contact your Matrox representative or visit [www.matrox.com/graphics/support](http://www.matrox.com/graphics/support).

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