

matrox
TripleHead2Go
Digital Edition
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	On-Board Connectors	DisplayPort	DVI	Maximum Resolutions (Per Display)	List Price USD	Optional Adapter/Cable Upgrade(s) ¹ (sold separately)
		Digital / Analog / Total			Cardbracket	DisplayPort / DVI / H		Analog		USD	Cable Description / Cable Part Number
M-Series - Low power consumption, Fanless cooling^{1a}, Dual and Quad multi-monitor support. Exceptional performance and image quality.											
M9120 PCIe x16	M9120-E512F	2	PCIe x16	512MB DDR2	ATX / ATX	DVI-H x 2	—	1920x1200	2048x1536	\$259	—
M9120 Plus LP PCIe x1	M9120-E512LAUF	2	PCIe x1	512MB DDR2	LP / ATX & LP	LFH-60	—	1920x1200	2048x1536 (K2) or 1920x1200 (K3, x4) ¹	\$329	CAB-L60-XXAF
M9120 Plus LP PCIe x16	M9120-E512LUF	2	PCIe x16	512MB DDR2	LP / LP & ATX	LFH-60	—	1920x1200	2048x1536 (K2) or 1920x1200 (K3, x4) ¹	\$329	CAB-L60-XXAF
M9125 PCIe x16	M9125-E512F	2	PCIe x16	512MB DDR2	ATX / ATX	DVI-H x 2	—	1920x1200 and 2560x1600	2048x1536	\$399	—
M9128 LP PCIe x16	M9128-E1024LAF	2	PCIe x16	1GB DDR2	LP / ATX & LP	DP x 2	2560x1600	1920x1200	—	\$259	CAB-DP-DVIF
M9138 LP PCIe x16	M9138-E1024LAF	3	PCIe x16	1GB DDR2	LP / ATX & LP	3 x miniDP	2560x1600	1920x1200	—	\$395	DP to DVI-D (DVI Single-Link)
M9140 LP PCIe x16	M9140-E512LAF	4	PCIe x16	512MB DDR2	LP / ATX & LP	KX20	—	1920x1200	—	\$599	DP to DVI-D (DVI Single-Link)
M9148 LP PCIe x16	M9148-E1024LAF	4	PCIe x16	1GB DDR2	LP / ATX & LP	4 x miniDP	2560x1600	1920x1200	—	\$629	CAB-DP-DVIF
M9188 PCIe x16	M9188-E2048F	8	PCIe x16	2 GB DDR2	ATX / ATX	8 x miniDP	2560x1600	1920x1200	—	\$1995	—
P-Series - Ultra-low power consumption, Fanless cooling. Dual and quad multi-monitor support. Easy to deploy.											
P690 LP PCIe x1	P69-MDDP28LAF	2	PCIe x1	128MB	LP / ATX & LP	LFH-60	—	1920x1200	2048x1536	\$249	CAB-L60-2XD6F
P690 LP PCIe x16	P69-MDDP28LUF	2	PCIe x16	128MB	LP / LP & ATX	LFH-60	—	1920x1200	2048x1536	\$249	CAB-L60-2XD6F
P690 PCI	P69-MDDP28F	2	PCI	128MB	ATX / ATX	DVI-H x 2	—	1920x1200	2048x1536	\$199	—
P690 PCIe x16	P69-MDDP28LUF	2	PCIe x16	128MB	LP / ATX & LP	LFH-60	—	1920x1200	2048x1536	\$199	—
P690 Plus LP PCI	P69-MDDP28LAF	2	PCI	256MB	LP / ATX & LP	LFH-60	—	1920x1200	2048x1536 (K2), 1920x1200 (K3, x4) ¹	\$299	CAB-L60-XXAF & CAB-L60-2XD6F
P690 Plus LP PCIe x16	P69-MDDP28LUF	2	PCIe x16	256MB	LP / ATX & LP	LFH-60	—	1920x1200	2048x1536 (K2), 1920x1200 (K3, x4) ¹	\$299	CAB-L60-XXAF & CAB-L60-2XD6F
G-Series - Cost-effective and highly flexible Dualhead graphics cards.											
G550	G55-MDHA32DSF	1	AGP 4x	32MB	ATX / ATX	DVI-H, HD15	—	1280x1024 ¹	2048x1536 (main), 1600x1200 (secondary)	\$125	CAB-HD15-TVF
G550 Dual DVI	G55-MADDA32DSF	2 ¹	AGP 4x	32MB	LP / ATX & LP	LFH-60	—	1280x1024 ^{1b}	2048x1536 (main), 1600x1200 (secondary)	\$149	CAB-HD15-TVF & CAB-L60-2XD6F
G550 LP PCI	G55-MDDAP32DSF	2	PCI, 32-bit, 66 MHz	32MB	LP / ATX & LP	LFH-60	—	1280x1024 ^{1b}	2048x1536 (main), 1600x1200 (secondary)	\$149	CAB-HD15-TVF & CAB-L60-2XD6F
G550 LP PCIe	G55-MDDP32DPDF	2	PCIe x1	32MB	LP / LP & ATX	LFH-60	—	1280x1024 ¹	2048x1536 (main), 1600x1200 (secondary)	\$169	CAB-HD15-TVF & CAB-L60-2XD6F
G550 PCIe	G55-MDDP32F	2	PCIe x1	32MB	ATX / ATX	DVI-H x 2	—	1280x1024 ¹	2048x1536 (main), 1600x1200 (secondary)	\$139	CAB-HD15-TVF
QID Series - Highly flexible Quad monitor graphics cards.											
QID	QID-QD48X128F	4	AGP 8x	128MB	ATX / ATX	LFH-60 x 2	—	1600x1200 ¹	1600x1200 ¹	\$599	CAB-L60-2XTVIF & CAB-L60-2XD6F
QID Low-profile PCI	QID-F128LPAF	4	PCI, 32-bit, 66 MHz	128MB	LP / ATX & LP	KX20	—	1600x1200 ¹	1600x1200 ¹	\$799	CAB-KX20-QTVIF
QID LP PCIe	QID-F128LPAF	4	PCIe x16	128MB	LP / ATX & LP	KX20	—	1600x1200 ¹	1600x1200 ¹	\$799	CAB-KX20-QTVIF
QID Pro	QID-P256PFF	4	PCI, 64-bit, 66 MHz	256MB	ATX / ATX	LFH-60 x 2	—	1600x1200 ¹	1600x1200 ¹	\$999	CAB-L60-2XTVIF & CAB-L60-2XD6F

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	Form Factor	Graphics Memory	Form Factor	On-Board Connectors	DisplayPort	DVI	Maximum Resolutions (Per Display)	List Price USD	Optional Adapter/Cable Upgrade(s) ¹ (sold separately)
		Digital / Analog / Total	DisplayPort / DVI / H	Cardbracket		Cardbracket	DisplayPort / DVI / H		Analog		USD	Cable Description / Cable Part Number
DualHead2Go Analog Edition	D2G-A2A-IF	2	VGA x 3 (1 input, 2 outputs) USB x 1	—	—	—	—	2x 1280x1024	2x 1280x1024	2x 1280x1024 (analog) monitor cable, USB cable	\$169	—
DualHead2Go Digital Edition	D2G-A2D-IF	2	VGA x 1 (input) DVI-H x 2 (outputs) USB x 1	—	—	—	2x 1920x1200	2x 1280x1024	2x 1280x1024	2x 1280x1024 (analog) monitor cable, USB cable, 2-ft DVI-to-VGA monitor cable, external 5VDC power adapter, region-specific power cable(s)	\$229	DMI to VGA adaptor
DualHead2Go DP Edition	D2G-DP-IF	2	DP x 1 (input) DP x 2 (outputs) USB x 1	—	—	—	2x 2048x1152 ^{1c}	2x 2048x1152 ^{1c}	2x 2048x1152 ^{1c}	DP-to-DP input cable, USB cable	\$229	DisplayPort to HD15 DisplayPort to DisplayPort MiniDisplayPort to DisplayPort
TripleHead2Go Analog Edition	T2G-ASA-AJ/F	3	VGA x 4 (1 input, 3 outputs) DC power input x 1	—	—	—	3x 1280x1024	2x 1280x1024	2x 1280x1024	2x 1280x1024 (analog) monitor cable, 2-ft DVI-to-VGA monitor cable, external 5VDC power adapter, region-specific power cable(s)	\$299	CAB-DP-VGAF CAB-MDP-DVIF CAB-MDP-DPF
TripleHead2Go Digital Edition	T2G-D3D-IF	3	VGA x 1 (input) DVI-DL x 1 (input) DVI-H x 3 (outputs) USB x 1	—	—	—	3x 1680x1050	2x 1280x1024	2x 1280x1024	2x 1280x1024 (analog) monitor cable, 2-ft DVI-to-DVI monitor cable, USB cable	\$329	DMI to VGA adaptor
TripleHead2Go DP Edition	T2G-DP-IF	3	DP x 1 (input) DP x 3 (outputs) USB x 1	—	—	—	3x 1680x1050	2x 2048x1152 ^{1c}	2x 2048x1152 ^{1c}	DP-to-DP input cable, USB cable	\$329	DisplayPort to HD15 DisplayPort to HD15 MiniDisplayPort to DisplayPort

¹ The resolution & refresh rate of each display must be the same. ² Supports independent resolutions on two displays. ³ Cable pricing details available at www.matrox.com/graphics. ⁴ 1920x1200 supported with quad analog upgrade cable. ⁵ LFH-60 to dual DVI cable upgrade required. ⁶ Supported on primary display only. ⁷ Maximum resolution supported is system dependent, please visit www.matrox.com/graphics/faq/faqsupport.htm for details. ⁸ These models are not available under any Mac OS X operating system. ⁹ Using optional adapter cable (sold separately). ¹⁰ These models are not available under any Mac OS X operating system. ¹¹ MSRP does not include a fan for cooling. Visit www.matrox.com/graphics for all software and hardware upgrade options and complete product details.

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.

Product	Part Number	Max. # of Displays			Connectors	Maximum Resolutions	Dimensions	List Price USD
		Digital	Analog	Total				
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	1 channel: 1920x1200; 2 channels: 3840x1200 (2x 1920x1200); 3 channels: 4080x768 (3x 1360x768)	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 ¹ , 1 serial output (DB-9) 1 coax output (BNC), 1 USB connector	1 channel: 1920x1200; 2 channels: 3840x1200 (2x 1920x1200); 3 channels: 4080x768 (3x 1360x768)	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) ¹ Used for power (PoE)	1 channel: 1920x1200; 2 channels: 3840x1200 (2x 1920x1200); 3 channels: 4080x768 (3x 1360x768)	6.63"x5.19"x1.25" (16.84x 13.18x 3.18cm)	\$295

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

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 ¹ , 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 ¹ , 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)

¹ Four DVI-to-HD15 adapters included in the box.

Note: Fiber-optic cable and Matrox interface card for either PCI (part #: XTOA-FP68LPAF) or PCIe (part #: XTOA-FESLPAF) sold separately. Contact Matrox for compatibility information.

Leader in Multi-Display Graphics Technology

Matrox Graphics focuses on designing graphics solutions for industries that require stable, high-reliability products. Long product life-cycles, ease of deployment in corporate environments, and feature sets aimed at solving specific, real-world business issues are what set us apart. In-house design expertise, top-to-bottom manufacturing, and dedicated customer support make our solutions the premier choice in industries that require stable, high-reliability products. Fortune 1000 companies rely on our multi-display solutions dual, quad, and beyond to increase productivity and improve decision-making by enabling them to see more and do more.

Graphics solutions for:

Security	Digital Signage	Air Traffic Management
Control Room Workstations	Medical Imaging	Simulation
Business Productivity	Specialized Applications	Command and Control
Financial Trading	Embedded Systems	Public Safety
Video Display Wall	Navigation Systems	

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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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