

Multi-Display Graphics Cards

A pioneer in multi-monitor graphics technology, Matrox offers the most extensive lineup of multi-display graphics cards—dual, quad, and beyond—on the market today. Delivering the optimal combination of low power consumption, best-of-breed 3D image quality up to 4K, high MTBF, and long product life cycles, Matrox graphics cards offer flexible multi-display configurations to give you more workspace to see and do more for a variety of applications.

Find our C-Series and M-Series lines below. Refer to the Matrox Graphics website for more information on P-Series—for ultra-low power consumption, fanless cooling, easy deployment, and dual and quad multi-monitor support—and G-Series for cost-effective dual-monitor support.

Product	Part Number	Max. # of Displays				Card Type	Graphics Memory	Form Factor Card/Bracket	Cooling	On-Board Connectors	Maximum Resolutions (Per Display)			List Price USD	Optional Adapter/Cable Upgrade(s) ¹ (sold separately)	
		DisplayPort	DVI/HDMI	Analog	Total						DisplayPort	DVI/HDMI	Analog		Cable Description	Cable Part Number
C-Series – Quad, six, and nine-output models. Best combination of performance, power consumption, display density, and image quality up to 4K.																
C420 LP PCIe x16	C420-E2GBLAF	4	4 ³	—	4	PCIe x16	2GB GDDR5	LP / ATX & LP	Passive	4 x miniDP	2560x1600 ²	2560x1600 (dual-link) ³ 1920x1200 (single-link) ³	—	\$570	Mini DisplayPort to DisplayPort adapter	CAB-MDP-DPF
C680 PCIe x16	C680-E4GBF	6	6 ³	—	6	PCIe x16	4GB GDDR 5	ATX / ATX	Active	6 x miniDP	4096x2160 ²	2560x1600 (dual-link) ³ 1920x1200 (single-link) ³	—	\$695	Mini DisplayPort to DisplayPort adapter Board-to-board framelock cable	CAB-MDP-DPF CAB-FL-F
C900 PCIe x16 <i>New</i>	C900-E4GBF	—	9 ⁴	—	9	PCIe x16	4GB GDDR5	ATX / ATX	Active	9 x mini HDMI	—	1920x1200 ²	—	Contact Matrox	Board-to-board framelock cable	CAB-FL-F

Product	Part Number	Max. # of Displays				Card Type	Graphics Memory	Form Factor Card/Bracket	Cooling	On-Board Connectors	Maximum Resolutions (Per Display)			List Price USD	Optional Adapter/Cable Upgrade(s) ¹ (sold separately)	
		DisplayPort	DVI	Analog	Total						DisplayPort	DVI	Analog		Cable Description	Cable Part Number
M-Series - Low power consumption. Fanless cooling⁵. Dual and Quad multi-monitor support. Exceptional performance and image quality.																
M9120 PCIe x16	M9120-E512F	—	2	2	2	PCIe x16	512MB DDR2	ATX / ATX	Passive	DVI-I x 2	—	1920x1200	2048x1536	\$259	—	—
M9120 Plus LP PCIe x1	M9120-E512LAU1F	—	2	4 ⁶	4 ⁷	PCIe x1	512MB DDR2	LP / ATX & LP	Passive	LFH-60	—	1920x1200	2048x1536 (x2) or 1920x1200 (x3, x4) ⁸	\$329	LFH-60 to 4xHD15 Analog	CAB-L60-4XAF
M9120 Plus LP PCIe x16	M9120-E512LPUF	—	2	4 ⁶	4 ⁷	PCIe x16	512MB DDR2	LP / LP & ATX	Passive	LFH-60	—	1920x1200	2048x1536 (x2) or 1920x1200 (x3, x4) ⁸	\$329	LFH-60 to 4xHD15 Analog	CAB-L60-4XAF
M9125 PCIe x16	M9125-E512F	—	2	2	2	PCIe x16	512MB DDR2	ATX / ATX	Passive	DVI-I x 2	—	1920x1200 and 2560x1600	2048x1536	\$399	—	—
M9128 LP PCIe x16	M9128-E1024LAF	2	2 ⁷	—	2	PCIe x16	1GB DDR2	LP / ATX & LP	Passive	DP x2	2560x1600	1920x1200	—	\$259	DP to DVI-D (DVI Single-Link)	CAB-DP-DVIF
M9138 LP PCIe x16	M9138-E1024LAF	3	3 ⁷	—	3	PCIe x16	1GB DDR2	LP / ATX & LP	Passive	3 x miniDP	2560x1600	1920x1200	—	\$395	DP to DVI-D (DVI Single-Link)	CAB-DP-DVIF
M9140 LP PCIe x16	M9140-E512LAF	—	4	4	4	PCIe x16	512MB DDR2	LP / ATX & LP	Passive	KX20	—	1920x1200	1920x1200	\$599	—	—
M9148 LP PCIe x16	M9148-E1024LAF	4	4	—	4	PCIe x16	1GB DDR2	LP / ATX & LP	Passive	4 x miniDP	2560x1600	1920x1200	—	\$629	—	—
M9188 PCIe x16	M9188-E2048F	8	8	—	8	PCIe x16	2 GB DDR2	ATX / ATX	Active	8 x miniDP	2560x1600	1920x1200	—	\$1995	—	—

1- Cable pricing details available at www.matrox.com/graphics.
 2- Passive adapters may be required (sold separately).
 3- Third-party active adapters required (sold separately).
 4- Third-party DVI adapter required (sold separately).
 5- M9188 does have a fan for cooling.
 6- LFH-60 to 4xHD15 cable upgrade required.
 7- Using optional adapter cable (sold separately).
 8- 1920x1200 supported with quad analog upgrade cable.



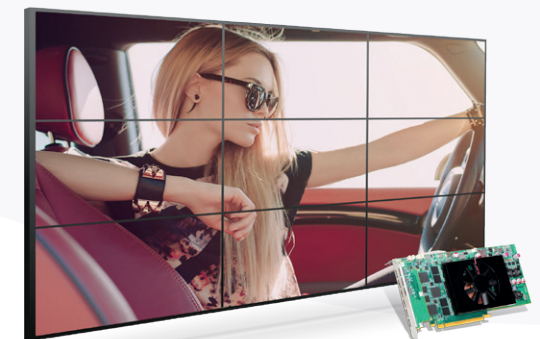
Stretch operator desktops with fanless C-Series or M-Series multi-display graphics cards (Matrox C420 shown).



Combine two Matrox C680 graphics cards to drive up to 12 displays from one system via board-to-board framelock.



Connect up to six 4K/UHD displays to the single-slot Matrox C680.



Power unique 3x3 and 9x1 video wall configurations with Matrox C900.