Matrox detailed product line-up













	Product Name	Part Number	Memory/ Memory type	Connectors	Bus	DVI Support	PCB Form Factor	Multi-monitor	Included cables & adaptors	RAMDAC (S): 1st/2nd/3rd display	Max. resolution mode: SingleHead/DualHead/*TripleHead	Dimensions (Height/Length)	Qty pac
P-Series	**Millennium P750**	P75-MDDA8X64	64 MB	2 x DVI-I	AGP 8x/4x/2x	Yes, on 2 displays	ATX	DualHead, DH+TV TripleHead	DVI to 2xHD15 cable incl., TV out cable included, DVI to HD15 adapt.	2 x 10-bit 400 MHz 1 x 165 MHz	Analog: 2048x1536/3840x1440/3840x1024* Digital: 1920x1200/3200x1200	4.05” / 5.897”	1
	Millennium P650	P65-MDDA8X64	64 MB	2 x DVI-I	AGP 8x/4x/2x	Yes, on 2 displays	ATX	DualHead	2x DVI to HD15 adapt.	2 x 10-bit 400 MHz	Analog: 2048x1536/3840x1440 Digital: 1920x1200/3200x1200	4.05” / 5.897”	1
Parhelia	**Parhelia 256MB**	PH-A256	256 MB	2 x DVI-I	AGP 4x/2x	Yes, on 2 displays	ATX	DualHead, DH+TV TripleHead Surround Design	DVI to 2xHD15 cable incl., TV out cable included, DVI to HD15 adapt.	2 x 10-bit 400 MHz 1 x 165 MHz	Analog: 2048x1536/4096x1536/3840x1024* Digital: 1920x1200/3200x1200	4.25” / 6.875”	1
	Parhelia 128MB	PH-A128R	128 MB	2 x DVI-I	AGP 4x/2x	Yes, on 2 displays	ATX	DualHead, DH+TV TripleHead Surround Design Surround Gaming	DVI to 2xHD15 cable incl., TV out cable included, DVI to HD15 adapt.	2 x 10-bit 400 MHz 1 x 165 MHz	Analog: 2048x1536/4096x1536/3840x1024* Digital: 1920x1200/3200x1200	4.25” / 6.875”	1
	Parhelia 128MB	PH-A128B	128 MB	2 x DVI-I	AGP 4x/2x	Yes, on 2 displays	ATX	DualHead, DH+TV TripleHead Surround Design Surround Gaming	DVI to 2xHD15 cable incl., TV out cable included, DVI to HD15 adapt.	2 x 10-bit 400 MHz 1 x 165 MHz	Analog: 2048x1536/4096x1536/3840x1024* Digital: 1920x1200/3200x1200	4.25” / 6.875”	10
G550 Series	**Millennium G550**	G55+MDHA32DB	32 MB (4Mx32 DDR)	1 x DVI-I, 1HD15	AGP 4x/2x	Yes, on 1 display	ATX	DualHead[8]	DVI-I to HD 15 adapter included	360 MHz / 230 MHz	2048x1536 / 1600x1200	3.15” / 6.6”	40
	Millennium G550	G55+MDHA32DR	32 MB (4Mx32 DDR)	1 x DVI-I, 1HD15	AGP 4x/2x	Yes, on 1 display	ATX	DualHead	DVI-I to HD 15 adapter included TV out cable included	360 MHz / 230 MHz	2048x1536 / 1600x1200	3.15” / 6.6”	1
	Millennium G550 Low Profile/Dual DVI	G55MADDA32DB	32 MB (4Mx32 DDR)	1 x LFH 60	AGP 4x/2x	Yes, on 2 displays[2]	Low profile[1]	DualHead[8]	LFH-60 to 2 x HD15 cable included[10]	360 MHz / 230 MHz	2048x1536 / 1600x1200	2.54” / 6.6”	40
G450 Series	**Millennium G450**	G45FMDHA32DB	32 MB (4Mx32 DDR)	2 x HD15	AGP 4x/2x	No	ATX	DualHead[8]		360 MHz / 230 MHz	2048x1536 / 1600x1200	3.25” / 5.90”	40
	Millennium G450 PCI	G45FMDVP32DB	32 MB (4Mx32 DDR)	1 x DVI-I, 1 x HD15	PCI	Yes	ATX	DualHead[8]	DVI-I to HD 15 adapter included	360 MHz / 230 MHz	2048x1536 / 1600x1200	3.985” / 5.895”	40
	Millennium G450 Low Profile	G45FMLDVA32DB	32 MB (4Mx32 DDR)	1 x DVI-I	AGP 4x/2x	Yes, on 1 display	Low profile[9]	DualHead[8]	DVI-I to 2 x HD 15 cable included	360 MHz / 230 MHz	2048x1536 / 1600x1200	2.5” / 6.6”	40
G200 MMS	**Matrox G200 MMS Dual**	G2+/DUALP-PL	16 MB SGRAM[5]	1 x LFH 60	PCI	Yes, on 2 displays[2]	ATX	Dual	LFH-60 to 2 x HD15 cable included[10]	250 MHz per output	Analog: 1920x1200[6] Digital: 1280x1024[6]	3.8” / 8.0”	1
	Matrox G200 MMS Quad Rev 7	G2+/QUADP-PL/7	32 MB SGRAM[5]	2 x LFH 60	PCI	Yes, on 4 displays[3]	ATX	Quad	Two LFH-60 to 2 x HD15 cables included[10]	250 MHz per output	Analog: 1920x1200[6] Digital: 1280x1024[6]	3.8” / 8.0”	1
	Matrox G200 MMS Quad w/TV tuner	G2+/QUAD-PL/TVN	32 MB SGRAM[5]	2 x LFH 60	PCI	Yes, on 4 displays[4]	ATX	Quad	One LFH-60 to 2 x HD15 & one LFH-60 to 2 x HD15 with video input cable included	250 MHz per output	Analog: 1920x1200[6] Digital: 1280x1024[6]	3.8” / 8.0”	1
G450 MMS	**Matrox G450 MMS Dual**	G45X2DUAL-B	64 MB DDR[15]	1 x LFH 60	PCI	Yes, on 2 displays[11]	ATX	Dual[14]	Capable of Dual digital[11] or analog[12] out of box	360 MHz per output	Analog: 2048 x 1536[6] Digital: 1280 x 1024[13,6]	3.8” / 6.5”	1
	Matrox G450 MMS Quad	G45X4QUAD-B	128 MB DDR[15]	2 x LFH 60	PCI	Yes, on 4 displays[11]	ATX	Quad[14]	Capable of Quad digital[11] or analog[12] out of box	360 MHz per output	Analog: 2048 x 1536[6] Digital: 1280 x 1024[13,6]	3.8” / 6.5”	1

Upgrades

Part Number	Item	Description	Qty/pack	ESP
B) DL-CAB-DVI	Digital cable Upgrade	Six-foot high quality digital cable to provide DVI (digital) support. Cable has LFH-60 to 2 X DVI-D connections.	20	$ 60.00
C) QD-CAB-DVI/VIN	Digital cable set Upgrade	One set which includes one standard six-foot high quality digital cable and one six-foot high quality digital cable with RCA composite video input connector.	10	$ 100.00
D) G45-TV-DVD/B	Software DVD & TV-out Cable Kit (G450)	Matrox Software DVD Player from Ravisent Inc. TV-out cable (S-video and composite) only for G450	1	$ 7.00
E) M-TV-DVD/B	Software DVD & TV-out Cable Kit (G550)	Matrox Software DVD Player from Ravisent Inc. TV-out cable works with both G450 and G550	1	$ 7.00
F) DL-TVO-SCART	Multi TV-out Cable	LFH-60 to Dual TV-out cable for SCART connectors	1	TBA
G) DL-TVO-CSV	Multi TV-out Cable	LFH-60 to Dual TV-out cable for S-Video and composite connectors	1	TBA

Matrox Special Features

Matrox Power Desk Features	Control Dia and positio Control Lo
DualHead and eDualHead	Visit: www. the DualHe
Unified Microsoft® certified drivers	Matrox offe products,C support av Windows® 9

Note:
1) ATX bracket installed. Low profile bracket in the box. **2)** Requires DL-CAB-DVI Upgrade **3)** Requires Qty 2 of DL-CAB-DVI Upgrade **4)** Requires DL-CAB-DVI/VIN Upgrade **5)** 8MB dedicated per chipset **6)** per display **7)** resolution in 16 bit color **8)** TV-out cable sold seperately **9)** Low-profile bracket installed, ATX bracket in the box **10)** Requires digital cables supplied in the box (Part# DL-CAB-DVI-I, Description: one foot LFH-60 to Dual-DVI-I cable) **12)** Dual analog is achieved via an adapter supplied in the box (Part# DVI-I-VGA, Description: DVI-I to VGA adapter) **13)** DVI panels must have support for reduced blankings / 1280x1024 maximum digital resolution otherwis upgrade **F** or **G** (see upgrades section) **15)** 32MB dedicated per chipset

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