

Matrox RT.X10 Suite and RT.X100 Xtreme Pro Feature Comparison June 2004

Features	RT.X10 Suite	RT.X100 Xtreme Pro Suite
Price (USD SRP in North America)	\$699	\$1 099
System requirements		
Minimum	Single P4-2GHz, 512MB, graphics card, sound card	Single P4-2.2GHz, 512MB, graphics card, sound card
Recommended	Single P4-2.4GHz, 512MB	Single P4-2.4GHz, 512MB DDR RAM or RDRAM
Operating systems	Windows XP	Windows XP
Video I/O		
Analog Y/C and composite I/O	✓	✓
DV-1394 I/O	✓	✓
Codecs		
Capture	DV	DV, DVCPRO + MPEG-2 IBP for DVD
Editing formats	DV	DV, DVCPRO
Interleaved audio/video file support	✓	✓
Realtime output	Analog + cutlist-only DV	Analog + DV/DVCPRO + MPEG-2 IBP for DVD authoring
Frame-accurate insert edit	✓	✓
Realtime layers		
Video	2	2
Graphics	4	4
Adobe Premiere Pro support		
Graphics format support	Multiple formats: TGA, BMP, GIF, TIF, etc.	Multiple formats: TGA, BMP, GIF, TIF, etc.
Title Designer support and preview to NTSC/PAL video monitor	✓	✓
Audio mixer support	✓	✓
JKL keyboard support	✓	✓
Matrox effects keyframeability	Limited	Extensive
Scrub preview to NTSC/PAL monitor	✓	✓
Preview all effects to NTSC/PAL monitor	✓	✓
Realtime Matrox Flex 3D effects		
Cross dissolve	✓	✓
Simultaneous 3D DVEs	1	✓
Page curl	✓	✓
Native Adobe transitions (60), Motion effect, and Opacity	✓	✓
Organic wipes	✓	✓
3D tiles	✓	✓
Particle effects	✓	✓
Distortions		✓
RGB colorization		✓
Mask DVE		✓
Blur		✓
Ripple		✓
Lens flare		✓
Mesh warp		✓
Twirl		✓
Cubes	✓	✓
Sphere	✓	✓
Mosaic		✓
Emboss		✓
Pan & Scan Tool		✓
Move & Scale (simultaneous 2D DVEs)		✓
Soft Focus		✓
Old movie		✓
Corner pin		✓
Lens warp		✓
Time code		✓
Realtime host-based effects		
Color correction	7-parameters	18-parameters + 8
Color match		✓
Color pass		✓
Color replace		✓
Professional vectorscope/waveform monitors		✓
Speed control method	Blended-field	Blended-field
Alternate speed control method	Repeat-field	Repeat-field
Chroma and luma keying		✓
Workflow		
XtremePreview for editing many layers and effects without rendering	✓	✓
Enhanced Matrox effects plug-in UI	✓	✓

Bundled applications		
Adobe Premiere Pro	✓	✓
Adobe Encore DVD	✓	✓
Adobe Audition	✓	✓
Adobe After Effects Standard Edition		with RT.X100 Xtreme Pro Collection (\$1,499)
Matrox MediaTools for SinglePass DV scan and capture	✓	✓
VFW drivers for third-party programs	✓	✓
WYSIWYG for Adobe After Effects		✓
WYSIWYG for Adobe Photoshop		✓
WYSIWYG for Adobe Encore DVD	✓	✓
WYSIWYG for Discreet 3ds max		✓
WYSIWYG for NewTek LightWave 3D		✓
WYSIWYG support for DirectShow programs (Windows Media Player)	✓	✓
Matrox MediaExport for hardware-accelerated simultaneous batch encoding of DVD, SVCD, VCD, and web formats	✓	✓