

XITEL

p r e c i s i o n a u d i o t e c h n o l o g y

- *awesome power, speed and performance through Aureal's Vortex 2 processor*
- *supports A3D 2.0 and DirectSound 3D for true interactive positional audio*
- *massive 320-voice professional MIDI synthesizer*
- *play through 2 speakers, 4 speakers, headphones or optical S/PDIF*
- *hardware 10 band graphic equalizer and DOS legacy support*

. . . p o w e r t o b u r n

storm platinum

accelerated A3D PCI soundcard



MASSIVE PROCESSING POWER

Storm Platinum supercharges your audio. Using Aureal's Vortex 2 processor, it provides the most potent hardware acceleration available. On board support for 96 DirectSound streams at full 16-bit 48Khz resolution, translates into massive processing power capable of tearing through complex audio algorithms with ease. Dedicated hardware engines facilitate PCI streaming, sample rate conversion, and digital mixing. With Storm Platinum you'll always have plenty of power to burn and sound quality that is simply amazing.

THE ULTIMATE 3D SOUND EXPERIENCE



If you think A3D is great, you'll find Storm Platinum's advanced A3D 2.0 effects totally wild. Let your ears experience the pin point accuracy of true interactive positional audio. Thrive on the ability to distinguish where noises are coming from through 2 speakers, 4 speakers or headphones. Experience the virtual reality of atmospheric absorption, Doppler, and Aureal's new wavetracing technology. With a sophisticated on-board A3D 2.0 engine, you'll push what you've come to expect from 3D sound to a whole new dimension.

HUGE 320-VOICE PROFESSIONAL MIDI SYNTHESIZER

It's time to bring out the big guns. Storm Platinum's 320-voice General MIDI synthesizer is packed with advanced features you'd expect to see in an ultra-professional MIDI platform. 8 real time effects and 16-bit 48 kHz PCM samples provide rich tonal qualities for unsurpassed realism. Simultaneous multi-layering and playback of hundreds of instruments adds exceptional depth, placing studio quality audio at your fingertips. Intelligent Dynamic Resource Management (IDRM), ensures applications not requiring wavetable synthesis can access more power for accelerating DirectSound and A3D 2.0 acoustic reflections. With a wavetable header and full DLS support, the only limitation to your creativity is imagination.

FULLY LOADED

An on-board, 10-band, hardware graphic equalizer provides unparalleled control over the computer's audio environment. Fine tune bass, treble, and mid-range to obtain realistic and precise depth. Add more low end punch to that chain gun, cut in a bit of mid-range on those audio CD's, or spread it evenly on MIDI compositions. With Storm Platinum the options are endless. Combine that with 26-point interpolation, better than 95 dB signal to noise ratio, hardware smoothing and even a TOSLINK optical S/PDIF, and you now have the ultimate platform to take your PC audio all the way.

WE DIDN'T FORGET DOS

Got a few DOS games that still tickle your fancy? With Storm Platinum's hardware DOS support, you'll still be able to pump through those golden oldies whether in Windows 95 or Real-Mode. Tear out that ISA dinosaur knowing the latest PCI technology also has your legacy requirements covered.

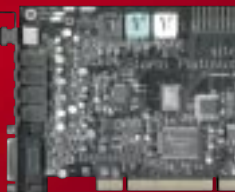
WARRANTY

Xitel's dedication to excellence and quality means that your Storm Platinum comes with a 3 year parts and labor warranty.

Check out your nearest dealer here:

www.xitel.com

Technical Specifications



SPECIFICATIONS - Storm Platinum

Controller Chip
Aureal Vortex 2 - AU8830

CODEC
Quad Channel Output 18-bit AC'97 CODEC

Features
Hardware Accelerated A3D 2.0
96 DMA Hardware Accelerated Channels
320 Voice Professional MIDI Synthesizer
10-Band Stereo Graphic Equalizer
Multiple Speaker/Headphone Support
Optical S/PDIF (TOSLINK) Output
Sound Blaster Pro Support

Inputs and Outputs
CD In (MPC)
Aux In (MPC)
Modem In (MPC)
Mic In (for electret and condenser mics)
2 Stereo Line Outputs for up to 4 Speakers
Optical S/PDIF Output (TOSLINK)
MIDI/Joystick Port
Wavetable Header
Expansion Header

General MIDI Interface
MIDI MPU-401 UART Mode
16-Byte FIFO's from MIDI IN and MIDI OUT
Doubles as Joystick Port

Signal Specification
Output: 1Vrms Typical (AC'97 Specification)
Input: 1Vrms Typical (AC'97 Specification)
Frequency Response 20Hz - 20 kHz
THD+N: Less than 0.007%
SNR: Better than 95 dB

Hardware Acceleration Features
Full A3D 2.0 Acceleration
DirectSound and DirectSound 3D
MIDI Synthesis
48 kHz Sample Rate Conversion
Digital Mixing
10 Channel Graphic Equalizer
Accelerated Joystick Port

API's Supported
Aureal A3D 1.0
Aureal A3D 2.0
Microsoft DirectSound
Microsoft DirectSound3D
Microsoft DirectMusic
Microsoft DirectInput

Operating Systems
Microsoft Windows 95/98
Microsoft Windows NT 4.0
Microsoft DOS