

Here's What You Get With Our Creative Audio Solutions!

	Sound Blaster									
	Sound Blaster 5.1	Sound Blaster Audigy Value	Sound Blaster Audigy 4	Sound Blaster X-Fi Xtreme Audio	Sound Blaster X-Fi XtremeMusic	Sound Blaster X-Fi Platinum	Sound Blaster X-Fi Xtreme Gamer Half Card	Sound Blaster X-Fi Xtreme Gamer Fatal1ty Professional Series	Sound Blaster X-Fi Fatal1ty	Sound Blaster X-Fi Elite Pro
	Entry level Sound Blaster 5.1 surround sound to enhance your audio experience	The Upgrade Solution for Basic Motherboard Audio to High Quality 24-bit, 7.1 Audio	The definitive solution for all your high quality digital entertainment needs	Place holder	The most basic solution delivering the Xtreme Fidelity standard to music and movies	Harness the power of Xtreme Fidelity on your PC with superior connectivity and control	Place holder	Place holder	Unprecedented gaming performance for the power gamers with 64MB X-RAM and Xtreme Fidelity	Flagship Sound Blaster X-Fi with 116dB SNR quality, 64MB X-RAM and connectivity for music, movies, games and even music creation
Audio Quality										
24-bit Advanced HD		✓	✓	✓	✓	✓	✓	✓	✓	✓
Digital Analog Convertor (DAC) Quality	16-bit	24-bit	24-bit	24-bit	24-bit	24-bit	24-bit	24-bit	24-bit	24-bit
Signal to Noise Ratio (SNR)	85dB	100dB	106dB	107dB	109dB	109dB	109dB	109dB	109dB	116dB
Maximum Playback Quality	16-bit/48kHz	24-bit/96kHz	24-bit/192kHz	24-bit/192kHz	24-bit/192kHz	24-bit/192kHz	24-bit/192kHz	24-bit/192kHz	24-bit/192kHz	24-bit/192kHz
Maximum Recording Quality	16-bit/48kHz	24-bit/96kHz	24-bit/96kHz	24-bit/96kHz	24-bit/96kHz	24-bit/96kHz	24-bit/96kHz	24-bit/96kHz	24-bit/96kHz	24-bit/96kHz
24-bit Crystalizer - transform any audio to "DVD-Audio" quality				✓	✓	✓	✓	✓	✓	✓
Mode Switcher (Gaming, Music, Audio Creation)					✓	✓	✓	✓	✓	✓
X-Fi CMSS-3D (Headphone Expander, Virtual, Surround)				✓	✓	✓	✓	✓	✓	✓
Movies										
Software Decoding via Cyberlink PowerDVD 6				Dolby Digital 5.1 (AC-3), Dolby Digital EX (6.1) Audio, DTS Audio	Dolby Digital 5.1 (AC-3), Dolby Digital EX (6.1) Audio, DTS Audio	Dolby Digital 5.1 (AC-3), Dolby Digital EX (6.1) Audio, DTS Audio	Dolby Digital 5.1 (AC-3), Dolby Digital EX (6.1) Audio, DTS Audio	Dolby Digital 5.1 (AC-3), Dolby Digital EX (6.1) Audio, DTS Audio	Dolby Digital 5.1 (AC-3), Dolby Digital EX (6.1) Audio, DTS Audio	Dolby Digital 5.1 (AC-3), Dolby Digital EX (6.1) Audio, DTS Audio
Built-in Decoding			Dolby Digital 5.1 (AC-3), Dolby Digital EX (6.1) Audio; DTS, DTS-ES (Discrete 6.1 or Matrix 6.1) Audio							
Pass-thru via Digital-Out		Dolby Digital, DTS	Dolby Digital, DTS							
THX Certified with Setup console					✓	✓	✓	✓	✓	✓
CMSS-3D Upmixing of Stereo to Multi-Channels	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24-bit Crystalizer - transform any audio to "DVD-Audio" quality				✓	✓	✓	✓	✓	✓	✓
X-Fi CMSS-3D (Headphone Expander, Virtual, Surround)				✓	✓	✓	✓	✓	✓	✓
Gaming										
EAX		1.0/2.0, Advanced HD	1.0/2.0, Advanced HD, 4.0	1.0/2.0, Advanced HD, 4.0	1.0/2.0, Advanced HD, 4.0, 5.0	1.0/2.0, Advanced HD, 4.0, 5.0	1.0/2.0, Advanced HD, 4.0, 5.0	1.0/2.0, Advanced HD, 4.0, 5.0	1.0/2.0, Advanced HD, 4.0, 5.0	1.0/2.0, Advanced HD, 4.0, 5.0
Hardware Acceleration of EAX Gaming			✓	✓	✓	✓	✓	✓	✓	✓
Max. No. of 3D Voices	32	64	64	64	128	128	128	128	128	128
Built-in X-RAM (64MB) - Game sounds loaded into SDRAM for faster FPS							✓	✓	✓	✓
Audio Playback & Technologies										
Super Rip - Rip CD into "DVD-Audio" quality tracks (MP3/WMA) or multi-channel tracks (WMA9 Pro)					✓	✓	✓	✓	✓	✓
Advanced Resolution DVD-Audio Playback			✓	✓	✓	✓	✓	✓	✓	✓
Meridian Lossless Packing (MLP) Playback			✓	✓	✓	✓	✓	✓	✓	✓
EAX Music Enhancements Tools	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Audio Creation										
Studio Mixer Interface					✓	✓	✓	✓	✓	✓
Insert/Aux/Global Effects - 24-bit effects for high quality pro-studio recordings					✓	✓	✓	✓	✓	✓
True Bit Accurate Recording w/o Sampling Rate Conversion (SRC)		✓	✓	✓	✓	✓	✓	✓	✓	✓
ASIO Low Latency Multi-Track Recording Support			24bit/96kHz	24bit/96kHz	24bit/96kHz	24bit/96kHz	24bit/96kHz	24bit/96kHz	24bit/96kHz	24bit/96kHz
ASIO 2.0 Direct Monitoring			✓	✓	✓	✓	✓	✓	✓	✓
SoundFont Support		16-bit	16-bit	16-bit	24-bit	24-bit	24-bit	24-bit	24-bit	24-bit
3D MIDI - allow positioning of MIDI synth voices in 3D to create DVD-Audio like contents					✓	✓	✓	✓	✓	✓