

**Sound
BLASTER****PUREST AUDIO, RICHEST SOUND****CREATIVE**

AMERICAS EUROPE ASIA

WHY SOUND BLASTER 24-BIT ADVANCED HD?

HOME PRODUCTS USE FOR TECHNOLOGY SOUND BYTES SUPPORT SHOP

**>> THE
EXTERNAL SOUND BLASTER**

FOR STUNNING DIGITAL AUDIO FIDELITY ON YOUR PC AND NOTEBOOK.

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PRODUCT TOUR**SOUND BLASTER COMPARISON CHART**

	Sound Blaster 16 PCI	Sound Blaster Live! 5.1	Sound Blaster Audigy	Sound Blaster Extigy	Sound Blaster Audigy 2	Sound Blaster Audigy 2 Platinum
Application	2.1 Entry Level Digital Entertainment	Dolby Digital 5.1 Entertainment	Standard 24-bit ADVANCED HD for Digital Music	External Standard 24-bit ADVANCED HD for Digital Music	Superior 24-bit ADVANCED HD DVD-Audio	Superior 24-bit ADVANCED HD DVD-Audio and Connectivity
Audio Quality/Bit Depth						
Sound Blaster Quality	Sound Blaster 16- bit	Sound Blaster 16- bit	Sound Blaster 24- bit ADVANCED HD. 24-bit/96khz	Sound Blaster 24- bit ADVANCED HD. 24-bit/96khz	Sound Blaster 24- bit ADVANCED HD. 24-bit/192kHz	Sound Blaster 24- bit ADVANCED HD. 24-bit/192kHz
Audio quality/bit Depth	16-bit/44.1kHz CD- Quality	16-bit/44.1kHz CD- Quality	16-bit/48kHz	16-bit/48kHz	24-bit DVD Audio quality	24-bit DVD Audio quality
THX Certification	NA	NA	NA	NA	Yes	Yes
DVD-Audio	NA	NA	NA	NA	Yes	Yes
DACs	NA	NA	24-bit/96kHz	24-bit/96kHz	24-bit/192kHz	24-bit/192kHz
Signal to Noise Ratio (SNR)	90dB	94dB	100dB	100dB	106dB	106dB
Dolby Digital AC-3 5.1 Playback	NA	Yes	Yes	Yes	Yes	Yes
Dolby Digital EX 6.1 Playback	NA	NA	NA	NA	Yes	Yes
Full support for Windows Media 9 24-bit/96kHz 5.1 content	NA	NA	NA	NA	Yes	Yes
Recording	16-bit/48kHz	16-bit/48kHz	16-bit/48kHz	16-bit/48kHz	24-bit/96kHz	24-bit/96kHz
	Sound Blaster 16 PCI	Sound Blaster Live! 5.1	Sound Blaster Audigy	Sound Blaster Extigy	Sound Blaster Audigy 2	Sound Blaster Audigy 2 Platinum
Connectivity						
High Speed SB1394 FireWire port	No	No	Yes	No	Yes	Yes - Two Ports
Analog speaker support	Headphone, 2	Headphone, 2, 4, 5.1	Headphone, 2, 4, 5.1	Headphone, 2, 4, 5.1	Headphone, 2, 4, 5.1, 6.1	Headphone, 2, 4, 5.1, 6.1, Optical

Digital speaker support	NA	Headphone, 2, 4, 5.1	Headphone, 2, 4, 5.1, 24-bit / 96kHz speakers	Headphone, 2, 4, 5.1, 24-bit / 96kHz speakers	Headphone, 2, 4, 5.1, 24-bit / 96kHz speakers	Headphone, 2, 4, 5.1, 24-bit / 96kHz speakers
	Sound Blaster 16 PCI	Sound Blaster Live! 5.1	Sound Blaster Audigy	Sound Blaster Extigy	Sound Blaster Audigy 2	Sound Blaster Audigy 2 Platinum
Gaming						
Simultaneous environment processing	NA	1	Multiple	1	Multiple	Multiple
EAX ADVANCED HD Multi-Environment	NA	NA	Yes	NA	Yes	Yes
EAX 1.0 and 2.0 support	NA	Yes	Yes	Yes	Yes	Yes
3D Positional Audio	NA	Basic	Advanced	Advanced	Advanced	Advanced
PC-to-PC Gaming with SB1394/FireWire	NA	NA	Yes	NA	Yes	Yes
	Sound Blaster 16 PCI	Sound Blaster Live! 5.1	Sound Blaster Audigy	Sound Blaster Extigy	Sound Blaster Audigy 2	Sound Blaster Audigy 2 Platinum
Digital Audio Creation / Playback						
Digital Music Player	NA	PlayCenter basic player / ripper	PlayCenter 3 advanced player / ripper	PlayCenter 3 advanced player / ripper	Feature Rich MediaSource with advanced player/ripper	Feature Rich MediaSource with advanced player/ripper
EAX Music Presets	NA	NA	Yes	Yes	Advanced	Advanced
EAX Presets	NA	Yes	Yes	Yes	Yes	Yes
CMSS: Stereo Up-mix to Multichannel	NA	Basic. Up-mix to 5.1	Advanced. Up-mix to 5.1	Advanced. Up-mix to 5.1	CMSS 3D upmix up to 6.1 channels	CMSS 3D upmix up to 6.1 channels
CMSS: Stereo spatialization over 2 channels speakers and headphones	NA	NA	NA	NA	Yes	Yes
PlayBack of Dolby Digital 5.1 Music Content	NA	Yes	Yes	Yes	Yes	Yes
MP3/WMA creation tools / digital audio editing applications	NA	NA	Yes	Yes	Yes	Yes
ASIO Low Latency Multi-Track Recording Support	NA	NA	Yes at 16-bit/48kHz	NA	Yes at 16-bit/48kHz	Yes at 16-bit/48kHz
SoundFont Support	NA	Yes	Yes	NA	Yes	Yes
	Sound Blaster 16 PCI	Sound Blaster Live! 5.1	Sound Blaster Audigy	Sound Blaster Extigy	Sound Blaster Audigy 2	Sound Blaster Audigy 2 Platinum
Others						
Easy Front-Panel Audio Connectivity Drive	NA	Upgradable	Upgradable	Yes	Upgradable	Yes
Wireless Remote Control	NA	Upgradable	Upgradable	Yes	Upgradable	Yes
Professional Music Creation Tools	NA	NA	NA	NA	NA	Yes