SOUND BLASTER AUDIGY FX V2

Upgradable Hi-Res 5.1 PCIe Sound Card with SmartComms Kit

Bridging the gap between performance and value, our all-new Sound Blaster Audigy Fx V2 introduces pristine audio fidelity, advanced audio processing through Sound Blaster Acoustic Engine, and our latest audio innovation–SmartComms Kit–a suite of smart communication features designed to improve the way you communicate online.

With professional audio now made personal, the Sound Blaster Audigy Fx V2 is the perfect addition to your gaming or cinematic rig! It features 5.1 surround sound, high-quality audio with 120 dB SNR, and high-resolution 24-bit 192 kHz playback.

You can also choose to further enhance the audio performance of your PC with Sound Blaster Audigy Fx V2 DBPro–an optional daughterboard expansion with upgrades such as DSD256 playback support, added side channels for full 7.1 discrete surround, as well as the addition of an optical-out port.

HIGH-RESOLUTION 5.1 AUDIO PLAYBACK | Experience high-fidelity audio up to 24-bit / 192 kHz playback at 120 dB DNR, as well as an enriching, cinematic surround sound performance with the support of 5.1 discrete output directly from your desktop

SOUND BLASTER ACOUSTIC ENGINE AUDIO ENHANCEMENT | Achieve enhanced audio realism and greater immersion through Sound Blaster Acoustic Engine's suite of technologies–Bass Boost, Surround, Crystalizer, Dialog+, and Smart Volume–on your movies, music, and games via the Creative app
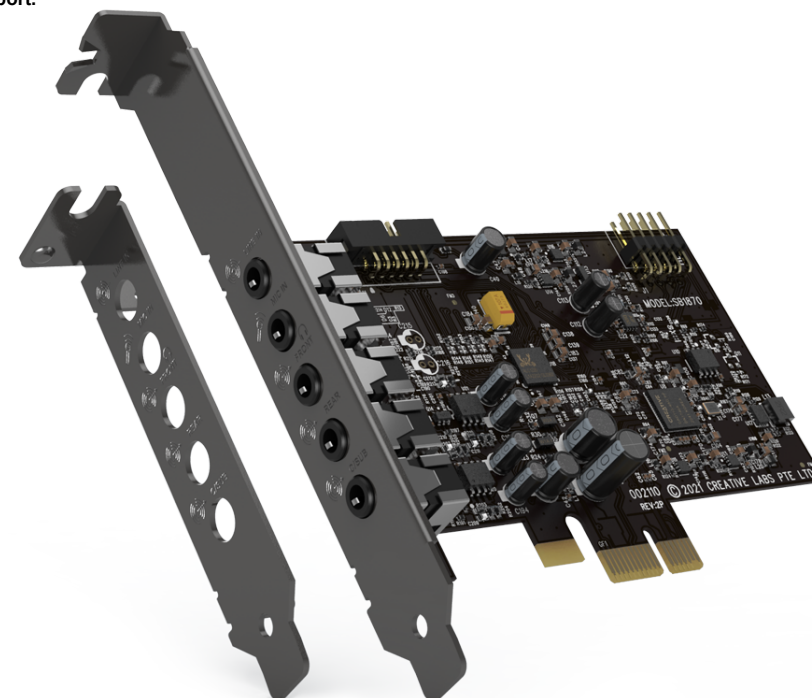
DUAL FUNCTION 4-POLE HEADSET JACK | Enjoy the best of both world with flexibility in connecting headsets with single or separate stereo/mic jack or just a headphone with an external mic.

BUILT-IN HEADPHONE AMPLIFIER WITH AUDIO ENHANCEMENTS AND CUSTOMIZABLE EQ | Giving you audio enhancement not only via hardware but also through software, the sound card is capable of driving 600Ω studio-grade headphones and achieve enhanced audio realism through Sound Blaster Acoustic Engine's suite of technologies via the Creative app. It also comes with customizable EQ profiles and is coupled with Scout Mode that enhances important in-game audio cues

SIMPLIFY THE WAY YOU COMMUNICATE ONLINE | Improve productivity with the SmartComms Kit included in Creative App that automatically unmute/mute as you start and stop speaking, freeing up your hands for other tasks; two-way noise cancellation which cancels static background noise from both you and your colleagues' environment so you can focus on the content of your conversations and not having to deal with background noises during a call.

COMPACT BUILD WITH HEADSET AND SPEAKERS CONNECTORS | The Sound Blaster Audigy FX V2 is designed in half-height form factor and 16% smaller than its predecessor. It also comes with interchangeable mounting brackets to suit your PC configuration. It has individual playback end points for Front and Rear Panel headphone output, capable of recognizing 4-pole headset and connectors, so you can simply plug in your device and enjoy

BOOSTED PERFORMANCE WITH DBPRO UPGRADE | Enjoy the maximum performance of the Sound Blaster Audigy Fx V2 with an optional daughterboard expansion card (sold separately). The addition of Sound Blaster Audigy Fx V2 DBPro enhances your audio to deliver DSD256 playback, two more side channels to achieve 7.1 discrete surround sound, as well as an included optical-out port to complement your PC audio upgrade journey

Sound Blaster Audigy Fx V2

Technical Specifications

Interface / Power / Profile	• PCI-e 1x – 16x Bus • Half-height profile (Full height and half height brackets provided)
Color	• Black
DAC Specs	• Dynamic Range: 120 dB • THD+N: ≤0.004%

Playback Resolution	**DSP/Direct Mode**
	• Headphone (Stereo)
	  • PCM 16-bit, 44.1, 48.0, 88.2, 96.0, 192.0 kHz
	  • PCM 24-bit, 44.1, 48.0, 88.2, 96.0, 192.0 kHz
	• Line Out (Stereo / Surround)
	  • PCM 16-bit, 44.1, 48.0, 88.2, 96.0, 192.0 kHz
	  • PCM 24-bit, 44.1, 48.0, 88.2, 96.0, 192.0 kHz
	• Optical Out (Stereo) *
	  • PCM 16-bit, 44.1, 48.0, 88.2, 96.0, 192.0 kHz
	  • PCM 24-bit, 44.1, 48.0, 88.2, 96.0, 192.0 kHz

DSD Playback ^	• Headphone/Line Out (Stereo)
	  • Native DSD: DSD64, DSD128, DSD256
	  • DoP: DSD64

Recording Resolution	• Mic-in (Mono)
	  • Mono, 16-bit, 44.1, 48.0, 88.2, 96.0 kHz
	  • Mono, 24-bit, 44.1, 48.0, 88.2, 96.0 kHz
	• Line-in (Stereo)
	  • Stereo, 16-bit, 44.1, 48.0, 88.2, 96.0, 192.0 kHz
	  • Stereo, 24-bit, 44.1, 48.0, 88.2, 96.0, 192.0 kHz

Headphone Amp	• Output Impedance: 10Ω • Supported Headphone Impedance: 32 - 600Ω
Connectivity	• 1 x ⅛" Mic In • 1 x ⅛" Line In • 1 x ⅛" Headphone/Headset Out/Front Out (default as Headphone/Headset) • 1 x ⅛" Rear Out • 1 x ⅛" Center/Sub Out
Others	• WHQL for Windows Driver • Supports ASIO 2.3, WASAPI
Operating Temperature	• 0°c to 45°c

Software

Windows	• Creative App with SmartComms Kit (Download at creative.com/support/sbfxv2)

Minimum System Requirement

Windows® OS	• Intel® Core™i3 or AMD® equivalent processor • Intel, AMD, or 100% compatible motherboard • Microsoft® Windows 10 32 / 64-bit or higher • >4 GB RAM • >4 GB of free hard disk space • Available PCIe slot

Package Content

- Sound Blaster Audigy Fx V2 Sound Card
- Half-height bracket (Full height bracket mounted on board)
- Quick Start Leaflet
- Warranty Leaflets
- SmartComms Kit Leaflet

Packaging Information

- Packaging Dimensions (L x W x H): 176 x 142 x 40 mm
- Packaging Weight: 209 g
- Carton Dimensions (L x W x H): 378 mm x 228 mm x 173 mm
- Carton Weight: 2.45 kg
- Pen size: 10 in 1

Product Dimensions including Full Height Bracket (L x W x H)

- Main Board : 117.4 x 121 x 21.6 mm / 4.62 x 4.76 x 0.85 inches
- Half-Height Bracket : 80 x 21.6 mm / 3.15 x 0.85 inches

Product Weight

- Main Board : 57 g / 2.01 oz
- Half-Height Bracket : 12 g / 0.42 oz

Warranty

- 1 year limited hardware warranty
- 2 year limited hardware warranty (Europe)

* Optical Out is available with DBPro daughter board upgrade. ^ DSD Playback is available with DBPro daughter board upgrade

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Part No. / Description: 70SB187000000 / FG,SB1870 SOUND BLASTER AUDIGY FX V2 WW

UPC Barcode: 0 54651 19491 5

EAN Barcode: 53 90660 194917

JAN Barcode: 4580181853412

GTIN Pallet: 70054651194914

GTIN Master: 50054651194910

Japan Model#: SB-AFXV2