Sound Blaster Z

The Complete Desktop Audio System: Sound Blaster Z

Part of the ultra high-performance Z-Series of Sound Blaster® PCI-Express sound cards, the Sound Blaster Z is an ideal all-around gaming and entertainment solution that incorporates all the hardware and software features of the Sound Blaster Zx card and comes with an external high-quality beam-forming dual-microphone array.

- **TRUE Audio Expertise**
    - **With over 400 million Sound Blasters sold we are the digital audio standard**
- **Sound Core3D Audio Processor**
    - **Sound Core3D™ is a high performance Sound and Voice processor for accelerating advanced audio and voice technologies. We designed the quad-core Sound Core3D™ audio processor to offload SBX® Pro Studio Pro™ and CrystalVoice™ effects from your primary CPU , improving your gaming experience with faster frame rates and drastically superior audio and voice quality.**
- **SBX Pro Studio™ Technologies**
    - **SBX Pro Studio™ sound technologies create unprecedented levels of audio realism including stunning 3D surround effects for your speakers and headsets.**
- **Crystal Clear Communication**
    - **Sound Blaster beam-forming microphone is designed and tuned for hands free chats. With CrystalVoice™ Focus, this stereo microphone creates an acoustic zone and suppresses noise outside it, enabling you to be heard with amazing clarity.**

Technical Specifications

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- Audio Performance
  - Signal-to-Noise Ratio : 116dB
  - 24-bit Analog-to-Digital conversion of analog inputs at up to 96 kHz sample rate
  - 24-bit Digital-to-Analog conversion of digital sources at up to 192 kHz sample rate to analog outputs
  - 16-bit to 24-bit recording sampling rates: 8,11.025,16, 22.05, 24, 32, 44.1, 48 and 96kHz
  - 16-bit to 24-bit playback sampling rates: 8,11.025,16, 22.05, 24, 32, 44.1, 48, 96 and 192kHz
- Rear Panel Connectivity
  - Line In / Microphone In : Shared 1/8" (3.5mm) mini jack
  - Headphone : 1 x 1/8" (3.5mm) mini jack
  - Front-Out : 1 x 1/8" (3.5mm) mini jacks
  - Line Out : 3 x 1/8" (3.5mm) mini jacks
  - Rear-Out : 1 x 1/8" (3.5mm) mini jacks
  - Center / Subwoofer : 1 x 1/8" (3.5mm) mini jacks
  - Optical Out : TOSLINK
  - Optical In : TOSLINK
- Speaker Support
  - Stereo/2.1 Speakers
  - 5.1 Speakers
  - Headphones
- Bus Connection:
  - PCI Express 1x
- Front Panel Header
  - One 2x5pin Intel HD Front Panel Audio standard header

Warranty

- 1 year limited hardware warranty

Package Contents

- Sound Blaster Z sound card
- Sound Blaster Beam-forming Microphone
- Quick Start Leaflet
- Installation CD containing:
  - Drivers for Windows
  - Creative Software suite
  - User's Guide

Software

- Sound Blaster Z-Series Control Panel
  - SBX Pro Studio effects
  - CrystalVoice effects
- Creative ALchemy
- Creative Host OpenAL / EAX5.0 HD
- Creative Diagnostics
- Dolby Digital Live encoder
- DTS Connect encoder
- Sound Blaster Speaker Setup
- Creative Software AutoUpdate
- Creative Product Registration

Minimum System Requirements

- Intel® Core™ 2 Duo or AMD® equivalent processor, 2.2GHz or faster recommended.
- Intel®, AMD® or 100% compatible motherboard
- Microsoft® Windows® 8 (32/64-bit), Windows® 7 (32/64-bit)
- 1 GB RAM
- >600 MB of free hard disk space
- Available PCI Express® (x1, x4 or x16) slot
- Available CD-ROM or DVD-ROM drive

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