

### Overview

### Models

Creative Recon3D PCIe Audio Card

BOU68AA

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### Introduction

Creative's latest audio revolution, Sound Blaster Recon3D PCIe Audio.

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### Performance

#### PCI Bus Mastering

- PCI Express Specification Version 1.1 compliant
- Bus mastering reduces latency and speeds up system performance

#### Sound Blaster Sound Core3D Audio Processor

- Advanced hardware accelerated digital effects processing
- Dedicated DSP capable of both time and frequency domain audio processing

#### Professional Digital Audio Processing

- 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 to analog outputs
- 16-bit to 24-bit recording sampling rates: 44.1, 48 and 96 kHz
- Supports Sony/Philips Digital Interface (S/PDIF) format of up to 24-bit/96 kHz quality
- S/PDIF output at selectable sampling rate of 44.1, 48 or 96 kHz from Microsoft Control Panel
- S/PDIF output not available during playback of protected digital audio content authored with DRM (Digital Rights Management) technology

**NOTES:** Depending on your system configuration, output sampling frequencies may only be available at 48 and 96 kHz.

#### Flexible Mixer Control

- Selectable input source from various audio sources for recording
- Adjustable master volume control
- Independent volume control

#### THX TruStudio Pro Technology

- THX TruStudio Pro Crystalizer
- THX TruStudio Pro Surround
- THX TruStudio Pro Bass
- THX TruStudio Pro Dialog Plus
- THX TruStudio Pro Smart Volume

#### Sound Blaster CrystalVoice Technology

- CrystalVoice Acoustic Echo Cancellation
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### Overview

- CrystalVoice Noise Reduction
  - CrystalVoice Smart Volume
  - CrystalVoice FX
  - CrystalVoice Focus
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### Key Benefits

#### Audio Inputs

- One 3.50 mm (1/8-inch) Line In jack for Analog Line In or Microphone In
- One Optical S/PDIF jack for Digital In

#### Audio Outputs

- Four 3.50 mm (1/8-inch) Line Out jacks for four channel Analog Line Out: Front Left, Front Right, Front Center, Subwoofer, Rear Left and Rear Right channels
- One Optical S/PDIF jack for Digital Out

#### Interfaces

- One 2 x 5 pin Front Panel Header for connection with Intel HD Front Panel Audio standard header
  - One 2 x 6 pin Header for connection with Sound Blaster I/O Drive
  - One 2 x 10 pin Header for connection with Sound Blaster I/O Drive
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