

Xonar Phoebus

Output Signal-to-Noise Ratio (A-Weighted) (Front-out) :

118 dB

Output Signal-to-Noise Ratio (A-Weighted) (Headphone-out) :

110 dB

Input Signal-to-Noise Ratio (A-Weighted) :

118 dB

Output THD+N at 1kHz (Front-out) :

0.00039 %(-108 dB)

Output THD+N at 1kHz (Headphone-out) :

0.001 %(300 dB)

Input THD+N at 1kHz :

0.0003 %(-110 dB)

Frequency Response (-3dB, 24bit/96KHz input) :

10 Hz to 48 KHz

Output/Input Full-Scale Voltage :

Unbalanced Output : 2.2 Vrms (3 Vp-p)

Headphone : 7 Vrms (9.9 Vp-p)

- **Bus Compatibility**

PCI Express

- **Chipset**

Audio Processor :C-Media CMI8888DHT High-Definition Sound Processor (Max. 192kHz/24bit)

- **Sample Rate and Resolution**

Analog Playback Sample Rate and Resolution :

44.1K/48K/88.2K/96K/176.4K/192KHz @ 16bit/24bit

Analog Recording Sample Rate and Resolution :

44.1K/48K/88.2K/96K/176.4K/192KHz @ 16bit/24bit

S/PDIF Digital Output :

44.1K/48K/88.2K/96K/176.4K/192KHz @ 16bit/24bit

S/PDIF Digital Input :

44.1K/48K/88.2K/96K/176.4K/192KHz @ 16bit/24bit

ASIO 2.2 Driver Support :

44.1K/48K/88.2K/96K/176.4K/192KHz @ 16bit/24bit with very low latency

- **Connectivity**

Analog Output

5 x 3.5 mm jack (1/8") (Analog out/Front out/Side out/Center-Subwoofer out/Rear out)

Analog Input

1 x 3.5 mm jack (1/8") (Line-in/Mic-in)

Digital

1 x S/PDIF out (1 x Optical (Toslink)/(combo with side out))

1 x Front-Panel Header

1 x Box Link

1 x Aux-in (4-pin header)

- **Special Features**

Dolby® Technologies : Dolby® Home Theater v4

Smart Volume Normalizer™

Xear Surround™

Magic Voice™

FlexBass™

GX 3.0 Game Audio Engine

- **Accessories**

Control box x 1

Driver CD x 1

Quick Start Guide x 1

S/PDIF adaptor x 1

ATX 4P-to-6P power cable x 1

- **Note**

*Dolby Home Theater v4 supports Windows® 7 and 8 only.