



**SILVERSTONE**<sup>®</sup>  
Designing Inspiration

ENSEMBLE SERIES

# EB01-E *EVOLUTION*

The key to high quality computer audio

**XMOS XS1 TQ128**

Asynchronous USB 24bit / 192 kHz



## Special Features

- High quality DAC with improved performance
- Classic SilverStone Ensemble exterior design
- Easy one touch button for USB, optical or coaxial input
- Support highest format of up to 24-bit/192kHz
- Utilizes premium XMOS XS1 TQ128 USB decoder for accurate sound reproduction
- Includes TI PCM1798 D/A converter for producing high quality analog signal
- Includes TI NE5532 OP amp for optimal analog output



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### Introduction

For audiophiles with good sound system and sizable digital music collections, the need for a device that can reproduce genuine sound is critical. After a short and successful launch of its first audio product, the Ensemble EB01 in 2006, SilverStone is back with another USB DAC that is better in every way. To fully satisfy computer users with affinity for higher quality sounds, the EB01-E is equipped with the ability to resolve signal rates of up to 24bit/192 kHz thanks to its inclusion of TI's PCM1798 DAC chipset. Complementing it are XMOS XS1 TQ128 USB decoder, which supports asynchronous throughput for accurate sound reproduction and TI's NE5532 OP amp for connection to a power amplifier via integrated RCA output. With three methods of digital inputs via USB, Toslink optical, or RCA coaxial connection, the EB01-E is an excellent device for not only computer audiophiles, but also audiophiles with standalone CD players or other digital audio sources.



### Specifications

Model	SST-EB01B-E (black) SST-EB01S-E (silver)
Color	Black or silver
Material	Aluminum & steel chassis
Input	Asynchronous USB, optical, coaxial
Output	RCA
Sampling resolution	16~24 Bit
Sampling rate	32~ 192 kHz
USB Decoder	XMOS XS1 TQ128
D/A Converter	TI PCM1798
OP Amp	TI NE5532
Operating system support	Windows XP, 7, 8, MAC OS

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ENSEMBLE SERIES

EB01-E



**EVOLUTION**

The key to high quality computer audio

EB01-E complements any PCs perfectly  
while improving sound quality



Pair with EB03 premium amplifier to further unleash headphone's full potential



EB03

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EB01-E



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Combine EB01-E & EB03 to create all new level of PC audio system.



EB01-E

EB03



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