





Tech Lowdown

Hi-res DAC (Digital to Analogue Converter) and Headphone Amp

Based on the award-winning ZEN Series, the ZEN Air range makes high-performance audio more affordable than ever before.

The **ZEN Air DAC** elevates the sound quality of digital sources to a higher plane.

It can be used as:

- A headphone amp
- A pure DAC with an amp and speakers



Get the Best out of your Headphones

- Connect the **ZEN Air DAC** via USB to:
- PCs
- Macs
- Smartphones
- Tablets
- Games consoles and more

Its compact size and powerful amp means it's a must for your home, office or gaming set-up.



Hi-Res DAC

- Hi-res PCM up to 32-bit/384kHz
- Full native DSD256
- MQA (Renderer)



Audio Format LEDs (kHz)



PCM 44.1/48/88.2/96kHz



PCM 176.4/192/352.8/384kHz



DSD 64/128





MQA renderer

High-performance circuitry

The **ZEN Air DAC's** high-performance circuitry delivers smooth, detailed and dynamic sound.



PowerMatch

PowerMatch adjusts the gain of the **ZEN Air DAC** so it functions at the right level for your headphones.

OFF – best for IEMs (In-Ear-Monitors)

ON – best for on/over ear headphones



Unique Sonic Tailoring

With our XBass+ technology, you can tailor the **ZEN Air DAC** to suit your headphones and your personal sonic taste.

Analogue bass boost.

It extends the bass response to suit different headphones.



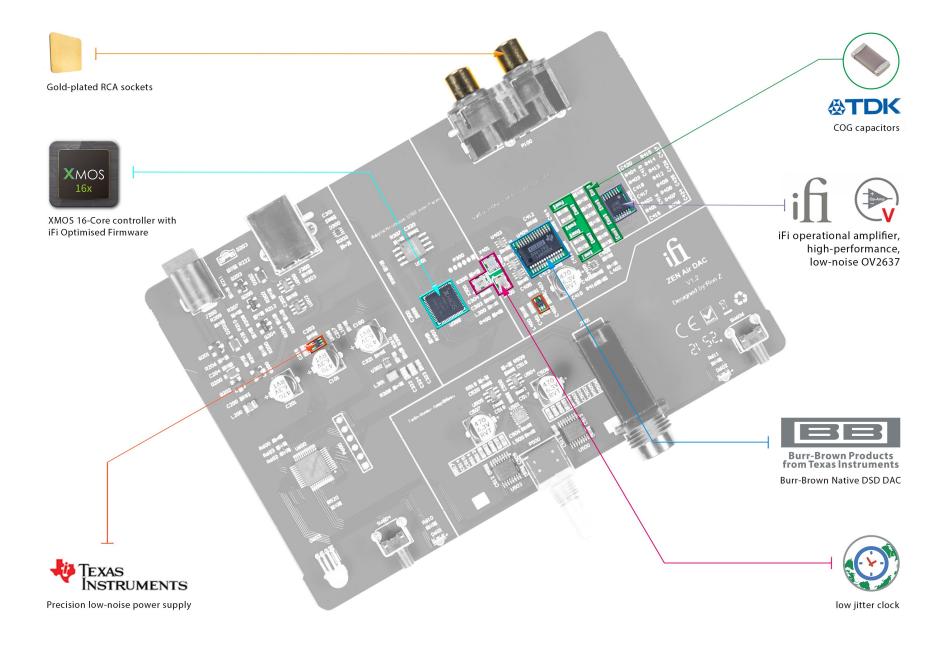


Connections





Superior Design And Components



Specifications

Input voltage	DC 5V/2.5A
Input	USB3.0 B Socket (USB2.0 compatible)
Formats	44.1/48/88.2/96/176.4/192/352.8/384kHz PCM
	2.8/3.1/5.6/6.2/11.2/12.4MHz DSD
	353/384KHz DXD
	MQA
DAC:	Bit-Perfect DSD & DXD DAC by Burr Brown

Power consumption:	No Signal ~0.5W / Max Signal ~2.5W
Dimensions	158 x 117 x 35 mm
	6.2" x 4.6" x 1.4"
Net weight	315 g
	0.969 lbs

Specifications

Line Section		
Output	1V / 3.3V max.	
Output Impedance	≤50Ω	
SNR	<-113dB(A) @ 0dBFS	
DNR	>113dB(A) @ -60dBFS	
THD+N	<0.04% @ 0dBFS	

Headphone Section		
Output	1V / 3.3V max. (variable)	
Output Power	>280mW @ 32Ω ; >36mW @ 300Ω	
Output Impedance	<1Ω	
THD+N	<0.04% (100mW @ 16Ω)	
SNR	>113dBA (3.3V)	

