

ZENDAC

GBP £229 USD \$229

Summary

"Plug-In. World Out."

Home-based DAC/Amp for those seeking a product to electrify casual and critical listening.

USPs:

4.4mm balanced line and headphone outputs Switchable AIO or preamp functionality

Features and Functionality:

PCM 768kHz, DSD512 and MQA decoding USB-C connectivity XBass+ analogue processing PowerMatch mode Improved DC offset USB Input overvoltage protection



Section 1: Marketing



Messaging & Tagline

In a world full of noise, welcome to **ZEN**.

"Plug-In. World Out."



Story

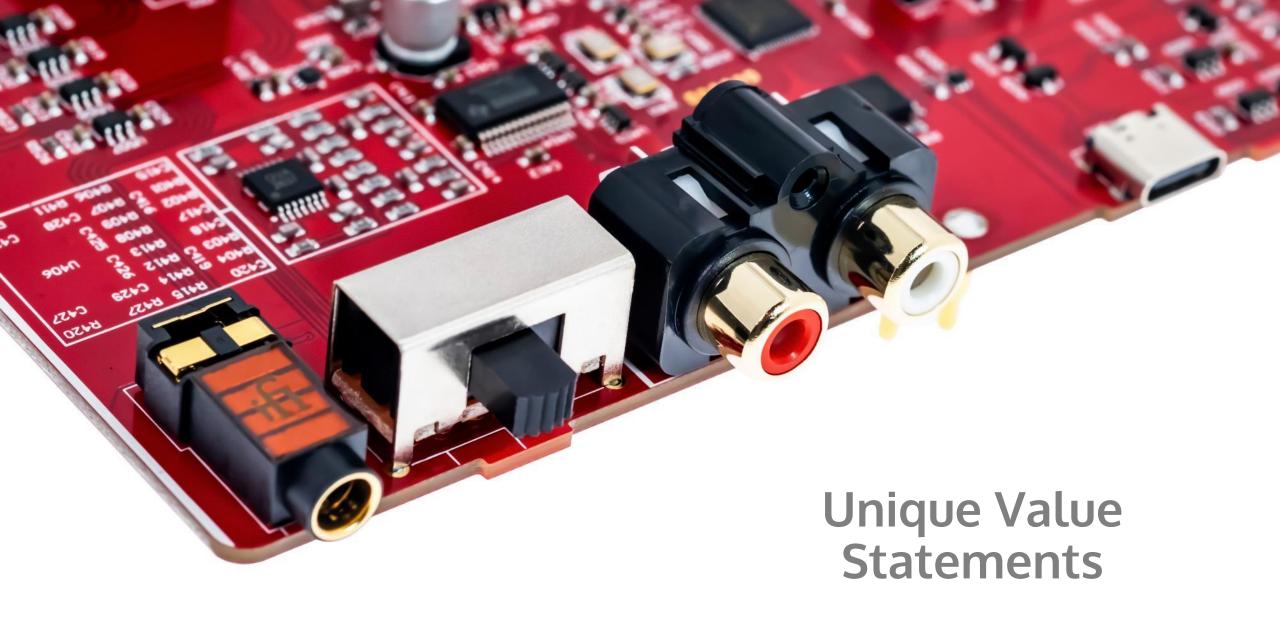
Today the world is busy; fast and full of noise.

We know the power of music, and how it's capable of taking you out of this world and someplace new. Somewhere tranquil, where melodies can uplift, and vocals can move you to tears.

Our new DAC, with its sleek design and unparalleled performance, immerses you in a world of pure harmony.

Rediscover your music, and be transported to purity, with the ZEN DAC 3.



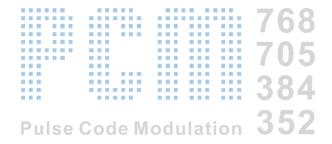




Hi-Res Heaven

ZEN DAC 3 supports all PCM formats up to **768kHz**, DSD natively supports up to **DSD 512**, and even offers full **MQA decoding**.





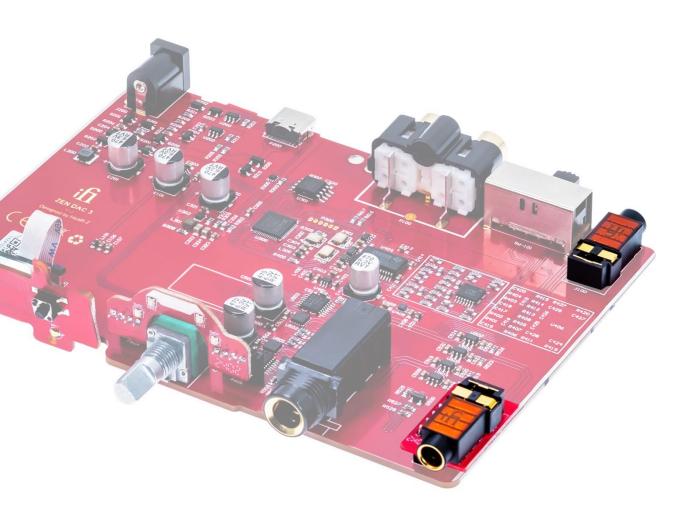
Your Way or the Hi-Way

Offering **both** fixed and variable output gain options, ZEN DAC 3 can seamlessly connect to headphones, an amplifier or active speakers.





Beautifully Balanced



ZEN DAC 3 features **two** 4.4mm balanced outputs, one for headphones and one for other amplifiers, effectively **minimising distortion and crosstalk.**





Key Features

Ultra-res audio: PCM 768kHz, DSD 512 and Full MQA Decoding

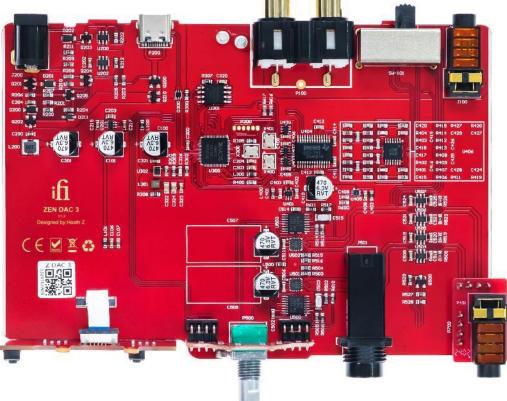


USB-C input for plugand-play connectivity



Fixed or variable output gain for optional preamp functionality







Improved DC offset and USB-C input **overvoltage** protection



4.4mm balanced headphone and line outputs



XBass+ and PowerMatch **XBass**⁺ analogue processing modes

DACtivate your Speakers







Variable or Fixed output switch, which enables/bypasses the volume knob.

Use **Variable** mode when plugging ZEN DAC 3 directly to active speakers.

Use **Fixed** mode when running line outputs to a receiver or main amplifier.

Target Audience



Audience Groups

Characteristics:

- **Demographics:** Individuals aged 16-40.
- Income: Earning between USD 2,000-4,000 Monthly.
- Need for DAC/Amp: Seek a home-based DAC/Amp to amplify casual and critical listening.

Categories:

• Audio Enthusiasts, Tech Enthusiasts, Gamers



Section 2: Tech



Features and Functionality

Evolution of ZEN DAC









	ZEN DAC 3	ZEN DAC V2	ZEN DAC
Retail Price	\$229	\$199	\$129
Hi-Res Support	PCM 768 kHz DSD 512 MQA Decoding	PCM 384 kHz DSD 256 MQA Decoding	PCM 384 kHz DSD 256 MQA Rendering
Headphone Outputs		4.4mm Balanced, 6.3mm SE	
Line Outputs		4.4mm Balanced, RCA SE	
Inputs	USB-C	USB-B 3.0	USB-B 3.0
USB Input Overvoltage Protection	Yes	No	No
Clocking	Upgraded GMT	Upgraded GMT	Standard Clock
Output DC offset	Improved	Standard	Standard
XMOS Chip	16-Core	16-Core	8-Core
Other Features	XBass+, PowerMatch, Fixed/Variable output	TrueBass, PowerMatch, Fixed/Variable output	TrueBass, PowerMatch, Fixed/Variable output
6.3mm HP (RMS)	>210mW @ 32Ω	>210mW @ 32Ω	>210mW @ 32Ω
4.4mm HP (RMS)	>390mW @ 64Ω	>390mW @ 64Ω	>390mW @ 64Ω
SNR (Headphone Section)	>109 dBA (6.2V Bal/3.3V SE)	>109 dBA (6.2V Bal/3.3V SE)	>109 dBA (6.2V Bal/3.3V SE)
THD+N (Headphone Section)	≤0.005% (2V @ 600Ω)	<0.005% (125mW @ 32Ω)	<0.005% (125mW @ 32Ω)

ZEN DAC 3 Vs. DAC V2 Looks







PowerMatch and XBass+

ZEN DAC 3 adopts XBass+, the newest iteration of iFi's signature analogue EQ.



Power Match is a gain boost for hungrier headphones



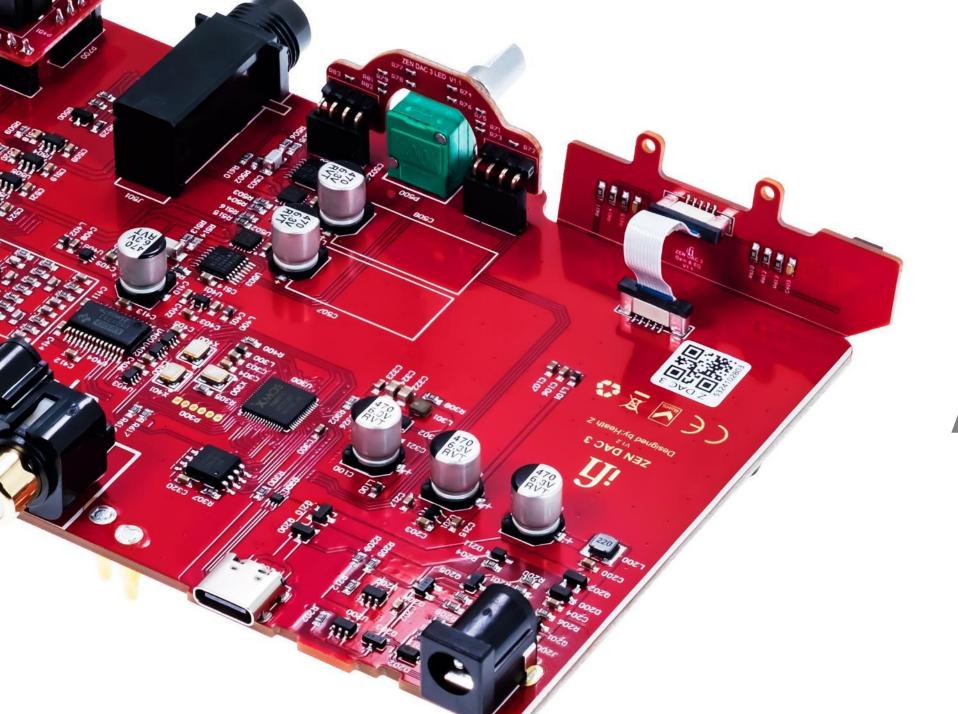




This means less audible clicks while switching functions.

ZEN DAC 3 also benefits from input **overvoltage protection** via the all-new USB-C port.





Appendix

Specifications

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Input		USB-C	
Formats	PCM DSD MQA	768kHz 512 Full Decoder	
DAC		Bit-Perfect DSD & DXD DAC by Burr Brown	
Headphone Output		BAL 4.4mm/UnBAL 6.3mm	
Output Power (RMS)	Balanced UnBAL	390mW@32Ω; 7.2V@600Ω 210mW@32Ω; 3.8V@600Ω	
Output Impedance		<1Ω (BAL/UnBAL)	
SNR		109dB(A) (BAL/UnBAL)	
DNR		109dB(A) (BAL/UnBAL)	
THD + N	Balanced UnBAL	<0.006% (2.0V @ 600Ω) <0.006% (1.27V @ 32Ω)	
Line Output		BAL 4.4mm/UnBAL RCA	
Output Power	Balanced UnBAL	2V-6.2V max. (variable); 4.2V fixed 1V-3.3V max. (variable); 2.1V fixed	
Output Impedance		<200Ω BAL; <100Ω UnBAL	
Frequency Response		5Hz - 90kHz (+/-3dB)	
Power Consumption		~2.5W Max Signal	
Dimensions		158x115x35mm (6.2" x 4.6" x 1.4")	
Weight		456g (1.0 lbs)	
Warranty period		12 months	

Contents















In order to activate the warranty for this iFi product, you must register with the iFi website.

Component:

Analogue Volume control
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whatever the pre-emplifier advancement
output at the man sort to World the solo

 Anado Format LED (RHz)

Single-ended6.3mm output
 Conect single-ended6.3mm headphores. With this 3.5mm headphores. Connect with a 3.5mm to 5.3mm
 Balanced 4.4mm analogue output

Serial no:





Connections



