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)

Specifications

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

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