



ALL-NEW CHASSIS DUAL DAC ES9028PRO

DSD512 PCM USB INTERNAL 22.6MHZ 384KHZ OUTPUT POWER SUPPLY



# LUMIN

**ALL-NEW CHASSIS DESIGN** FEATURING THICK CNC PANELS AND AN INTERNAL **POWER SUPPLY** 

**NEW GENERATION** PROCESSOR

DUAL ES9028PRO SABRE DAC FEATURING DUAL-MONO **OPERATION** 

DSD512 22.6MHz PCM 44.1-384kHz 16-32-bit

USB DIGITAL AUDIO OUTPUT

PCM & DSD UPSAMPLING

PRECISION 32-BIT INTERNAL **DIGITAL VOLUME** 

COMPLETELY REDESIGNED ANALOGUE BUFFER WITH X1 **TECHNOLOGY** 























# **UPSAMPLING RATES & BIT DEPTHS:**

DSD512, 22.6MHz, 1-bit, Stereo

STREAMING PROTOCOL:

Playback. On-Device Playlist

UPnP AV protocol with audio streaming

extension (OpenHome). Roon Ready. Spotify

Connect. Apple AirPlay. Songcast. Gapless

SUPPORTED AUDIO FILE FORMATS:

FLAC, Apple Lossless (ALAC), WAV, AIFF

MQA, MP3, AAC (in M4A container)

DSF (DSD), DFF (DSD), DoP (DSD)

PCM-

PCM 384kHz and DSD128 upsampling option for all files up to 192kHz

SUPPORTED SAMPLE RATES & BIT DEPTHS:

PCM, 44.1khz-384kHz, 16-32-bit, Stereo

## SUPPORTED CONTROL DEVICES:

Apple iOS devices, iOS 8.0 or later required Android devices. Android 4.0 (Ice Cream Sandwich) or later required

## APP FEATURES:

Native support for TIDAL, MOA, Oobuz and TuneIn Radio. Tidal MQA and Qobuz high-res icons to identify high-res music. Multi-room simultaneous playback, Volume control. High-resolution artwork. Artwork caching. Search, Multiple tag handling, Composer tag support. Album-grouping in playlist. Automatic internet links to artists/album/songs, Saving, syncing and restoring of playlists (including Tidal and Qobuz)

#### INPUT:

Gigabit Ethernet Network (1000BASE-T) RJ45 USB storage, flash drive, USB hard disk (Single-partition FAT32, NTFS, exFAT and EXT2/3)

## ANALOGUE AUDIO OUTPUT:

XLR balanced, 6Vrms, pin 2 Hot RCA unbalanced, 3Vrms

#### **DIGITAL AUDIO OUTPUT:**

DSD64-512 2.8-22.6MHz, 1-bit Stereo PCM 44.1-384kHz, 16-32-bit Stereo COAXIAL BNC: PCM 44 1kHz-192kHz 16-24-hit

DSD (DoP, DSD over PCM) 2.8MHz, 1-bit

Raw brushed aluminium Black anodised brushed aluminium

# POWER SUPPLY:

Internal shielded 100-240V AC auto-ranging

#### OTHER:

Firmware-upgradable for further features and enhancements

LUMIN: 350mm (W), 350mm (D), 60mm (H), 6kg

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