Technical specifications

D/A converters
ESS ES9028Q2M

THD @ 1kHz 0dBFs
< 0.0005 %

THD @ 20kHz 0dBFs
< 0.0005 %

Frequency response
20Hz-20kHz +/- 0.1dB

Signal to noise ratio (REF 1W)
> 120dB

Crosstalk @ 1kHz
< -120dB

Digital outputs
S/PDIF Coaxial
16/24-bit, 32-192kHz

TOSLINK Optical
16/24-bit, 32-96kHz

AUDIO FORMATS
WAV containing uncompressed, PCM 16-32 bit 32-768kHz, FLAC containing losslessly compressed, PCM 16-32 bit 32-768kHz, Apple Lossless (ALAC) containing losslessly compressed PCM 16-24 bit 32-192kHz, AIFF containing uncompressed, PCM 16-32 bit 32-768kHz, Microsoft® Windows Media TM Audio (WMA 9 Standard) 32-320kbps, MP3 (CBR or VBR) 16-320kbps, AAC, HE AAC and AAC+, (CBR or VBR) 16-320kbps, OGG Vorbis 32-320kbps. Native DSD64 to DSD512 support.

Streaming protocols
RTSP (Real Time Streaming Protocol), MMS (Microsoft Media Server Protocol), HTTP (Hyper Text Transfer Protocol).

Bluetooth
5.0 A2DP/AVRCP supporting SBC, aptX and aptX HD codecs

Connectivity
UPnP, Local USB media, Airplay , Google Cast , Internet Radio, Spotify Connect, TIDAL, Qobuz, Deezer, Roon Ready.

Playlist
ASX (Microsoft® playlist format) M3U, PLS

Wi-Fi
IEEE 802.11 b/g/n or AC (2.4GHz and 5GHz)

Wi-Fi encryption
WEP, WPA, WPA2

Ethernet
IEEE 802.3, 10 Base-T or 100 Base-T

USB
1 x USB 2.0 current limited to 1A

File systems
FAT32, NTFS, Ext4, ExFAT

Mains inlet voltage
100-240 VAC (switch mode) standby consumption

ECO Mode
<0.5W

Network Standby Mode
>2W

Max power consumption
30W

Dimensions
89 x 430 x 325mm (3.5 x 16.9 x 12.8")

Weight
4.15kg (9.1lbs)