

## Technical specifications

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### 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)

> 120dBr

### 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)