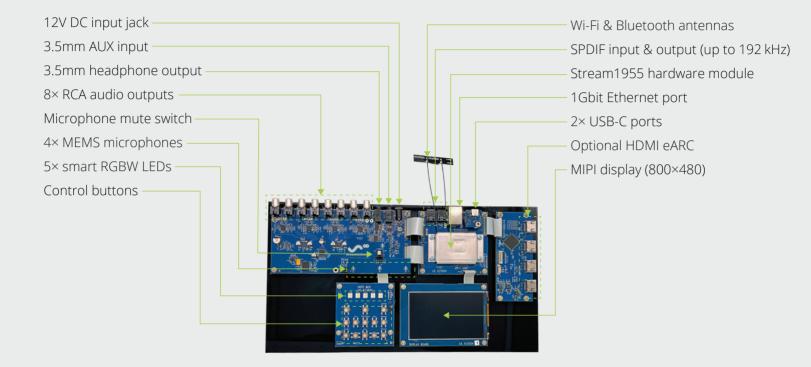
StreamKit1955 Reference kit with the Stream1955 module



Years of Connectivity for Things



Stream1955 Module Features

- ▶ 4× ARM Cortex-A53, 1.8GHz SoC
- ▶ Wi-Fi 6 (802.11ac, 2×2 MIMO)
- ▶ 32GB eMMC (configured as 16Gb pSLC)
- ▶ 8GB DDR4 memory
- ▶ 2 × 80-pin connector interface
- ► Compatible with MEMS microphones (PDM)
- ▶ 3D audio decoding without external DSP and support for a large number of audio channels
- ▶ Up to 2 USB OTG ports
- ▶ Control via I²C, SPI, UART

Potential Applications

- ► Multichannel soundbars with immersive audio support(Dolby Atmos, Reality Audio 360, Auro 3D)
- ▶ Streaming audio receivers
- Wireless streaming speakers
- ▶ Wireless speakers with voice assistant
- ▶ Home automation products
- ▶ Wi-Fi IoT devices

StreamUnlimited, founded in 2005, is a supplier of software solutions and hardware modules for connected audio and IoT products, with over 120 employees at office locations in Vienna, Bratislava, Shenzhen, Osaka and San Francisco. As the de facto global system integrator offering its own IP and engineering services, StreamUnlimited development partnerships include all major semiconductor companies and technology providers in the consumer electronics and IoT channel. StreamUnlimited works with a global cross-section of high-end audio, CEDIA-channel, premium and mainstream consumer electronics and smart home manufacturers.

