

### AxC-AVB Overview

Like all other cards within the Audio ToolBox range, the AxC-AVB can be used with either the AVBx3 or AVBx7 platforms.

Using only one slot in the ToolBox, the AxC-AVB can link the AVB network and any other audio or network connections of the rack

The AxC-AVB card provides a powerful and cost-effective gateway between AVB devices to other audio interfaces or different Audio Networks.



### AVB MILAN compatible features

- Stream formats supported:
  - ◆ AAF,
  - ◆ CRF,
  - ◆ IEC61883-6 (AM824)
- Clock synchronization capability:
  - ◆ CRF,
  - ◆ Stream
- Audio Streams and Channels capacities:
  - ◆ 4 streams of 8 channels @ 48Khz
  - ◆ 2 streams of 8 channels @ 96 kHz

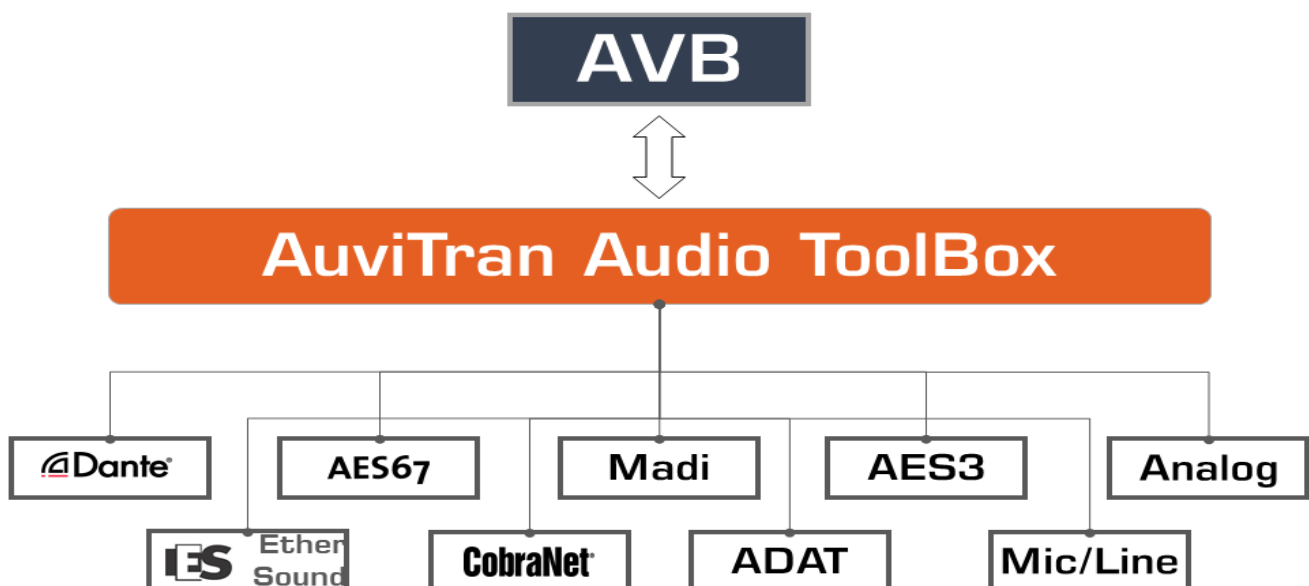
### Mechanical Specifications

200 x 100 x 40 mm: AuviTran Audio ToolBox platform AxC card format.

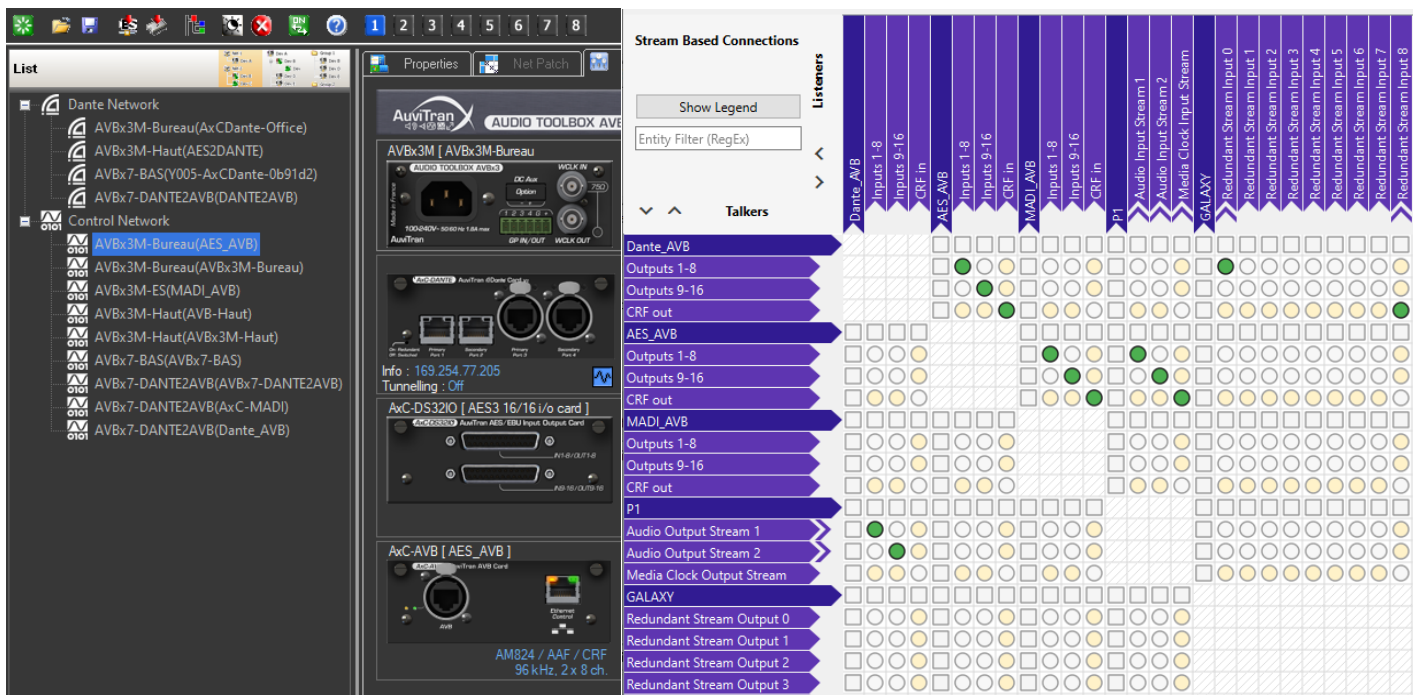
### Key Features

- One EtherCon connector for Audio and remote-control connection over AVB network
- One Ethernet RJ45 connector for remote control over standard IP/Ethernet network
- Remote management with AVS-Monitor or via UDP/IP for sub party remote control

**Applications: Connect your AVB devices to any other audio network or audio interfaces**



## AVS-Monitor and AVB software control page



## Technical Specifications

### General

Size	200 mm x 100 mm x 40 mm –AuviTran Audio ToolBox platform cards format
Power Supply	+12V / +3.3V - Through AuviTran Audio ToolBox backplane
Temp / Humidity	Storage: -5°C to 70°C / 0% to 95% (non-condensing) Operating: 0°C to 50°C / 5% to 90% (non-condensing)
AVB connections	1x Neutrik EtherCon for AVB
Remote connection	1x RJ45 connectors for remote control over any standard Ethernet IP network

### Inputs and outputs

Number of inputs channels	32x input channels @ 48kHz or 44.1kHz 16x input channels @ 96kHz or 88.2kHz
Number of outputs channels	32x output channels @ 48kHz or 44.1kHz 16x output channels @ 96kHz or 88.2kHz
Number of input streams	4x AVB input streams of 8 channels @ 48kHz or 44.1kHz 2x AVB input streams of 8 channels @ 96kHz or 88.2kHz
Number of output streams	4x AVB output streams of 8 channels @ 48kHz or 44.1kHz 2x AVB output streams of 8 channels @ 96kHz or 88.2kHz

### Audio Format

Audio sampling frequency	44.1kHz, 48 kHz, 88.2 kHz, 96 kHz
Audio sample resolution	All AVB audio sample format between 8 to 32 bits

### Integration Environment

Audio ToolBox platform	AxC-AVB is one the cards for the AuviTran Audio ToolBox platform
AVS-Monitor	AVS-Monitor enables to remotely set, control and monitor any Audio ToolBox interface and provides enhanced control pages to manage the AxC-AVB card parameters.
OS Supported	Windows 10 for 32 or 64-bit versions

## Part number

**AxC-AVB** AuviTran Audio ToolBox AVB interface card