



Dante audio and video for ASPEED designs

Dante AV-A enables high quality Dante audio and video configuration for ASPEED platforms using the AST1530/1535 SoC with no hardware changes needed.



Visually lossless up to 4Kp60 4:4:4 video



Ultra-low video latency



2x2 channels of Dante audio



HDCP support



One click audio & video routing

Dante AV-A adds control for 1 channel of high-quality, ultra-low latency video and 2x2 channels of Dante audio to ASPEED designs for instant compatibility with existing Dante software and installations, easing technical requirements and simplifying AV system designs. Dante AV-A is delivered unlicensed as part of the ASPEED SDK which means no costly hardware redesigns, having to build new products from scratch, or spec'ing additional hardware to add Dante audio and video. From manufacturer design implementation to installed AV system support, Audinate provides experienced engineering, technical support, and professional services.



Applications

Dante AV-A is ideally suited for high-quality, ultra-low latency AV distribution and IMAG applications.



HDMI
AV encoders



HDMI
AV decoders

Part of the Dante Family

Dante AV-A supports all the features that make Dante the world leader in networked media, and more: auto discovery of devices, label-based one-click routing of signals, and true plug-and-play operation. Enhanced security, user access control, and monitoring across multiple subnets is available with Dante Domain Manager or Dante Director. With thousands of Dante-enabled products available, Dante AV-A provides instant connectivity to the largest and most vibrant AV-over-IP ecosystem today.

More Flexibility

Unlike traditional point-to-point technologies constrained by physical connections, Networked AV offers unparalleled flexibility. AV-over-IP

facilitates endless connections without cable distance limitations, allowing device installation optimized for performance and aesthetics. Additionally, Dante AV uniquely separates video and audio streams, enabling independent routing to various endpoints. This versatility eliminates the need for demuxing equipment streamlining operations and reducing costs.

Standard IP and IT Ready

All Dante-enabled products provide state-of-the-art performance over common IP networks with readily available switches and equipment and use easily understood standards for IT administration.

Specifications

Hardware

ASPEED AST1530/1535 SoC

Flash Memory

32 MB

Resolution Support

4Kp60 4:4:4

Video Latency

Sub frame

HDCP v.2.2/2.3 Supported

Audio

2x2 Dante audio channels

Network

Standard 1 GbE