



## Transform USB Connections into Networked Dante Endpoints



**USB Connectivity Over IP:** Extends USB 2.0 devices across standard IP networks, overcoming the distance limits of traditional USB cabling.



**Available with or without Dante Audio:** Choose from USB Extension only, or USB Extension with 2x2 Dante audio channels, depending on application needs.



**Full Dante Platform Integration:** USB and Dante audio signals can be routed, monitored, and managed together using familiar Dante tools.



**Developed in Partnership with ASPEED Technology:** Built on the ASPEED AST1532 IC for fast, streamlined implementation.

Built on the ASPEED AST1532 IC, Dante USB Extenders enable USB 2.0 connectivity across standard IP networks. Available in two license types, USB Extension only and USB Extension with 2x2 Dante Audio channels, this product lets customers overcome the distance limits of traditional USB cabling while adding Dante audio capability where needed. With full Dante platform support, USB and audio signals can be routed and managed together using Dante tools, extending the usefulness of existing USB devices within modern IP infrastructure and providing PCs with native Dante audio that appears as a standard USB soundcard.

### Connect USB Devices Anywhere

Dante USB Extenders bridge the gap between USB and networked AV, giving customers the freedom to place cameras, keyboards, and mice wherever they're needed across rooms or facilities without sacrificing performance. Existing USB hardware can be integrated into the Dante ecosystem, protecting investments while unifying systems under a single networked

platform. When connected to a PC, the extender appears as a standard USB interface with optional native Dante audio channels, giving users access to in-room Dante microphones, speakers, and other devices without additional drivers or hardware.

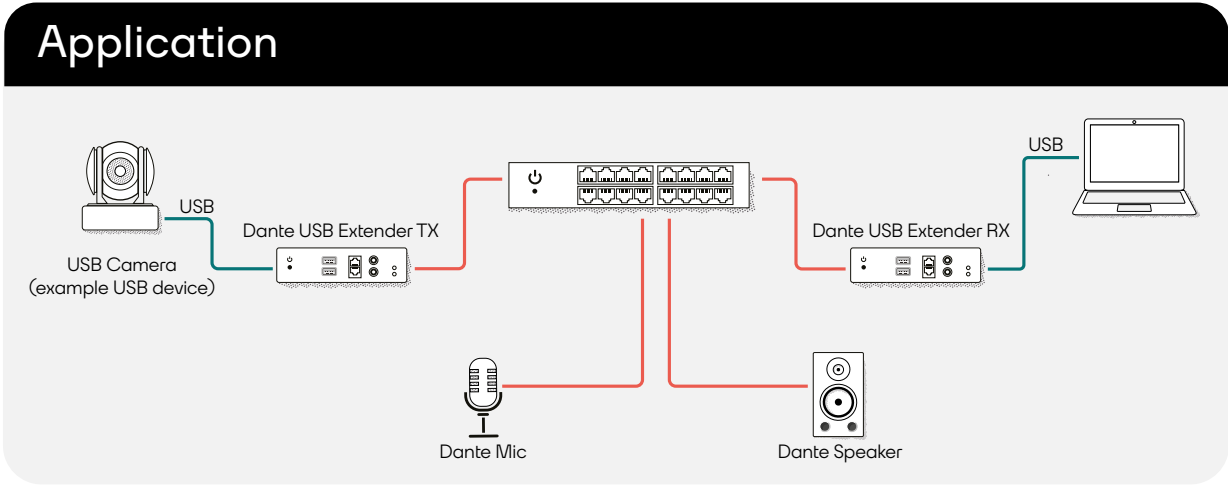
### Part of the Dante Platform

As part of the Dante ecosystem, Dante USB Extenders connect instantly to the most widely adopted AV-over-IP platform, used in thousands of products from hundreds of manufacturers. Both versions integrate fully with Dante Controller, where devices are automatically discovered and USB signals routed just like audio channels. The Dante Audio version supports 2x2 Dante audio channels, fully interoperable with any Dante device on the network.

For larger or more complex systems, Dante Domain Manager or Dante Director extend management capabilities with system-wide monitoring and user access control across facilities or multiple sites. Together, these tools make it simple to expand and manage Dante systems of any size.

## Fast-Track Development

Developed in partnership with ASPEED Technology, a leading supplier of SoC solutions for the professional AV market, Dante USB Extenders combine Dante networking with the ASPEED AST1532 Chip to simplify OEM integration and speed time to market. A complete SDK gives manufacturers a proven foundation for developing networked products, reducing engineering effort and risk. ASPEED’s robust SoC technology and Dante’s interoperable AV-over-IP platform together provide a solid foundation for scalable, reliable devices that leverage the Dante ecosystem.



## Requirements

Category	Details
Hardware	ASPEED AST1532 17mm x 17mm 370-pin
SDRAM Memory	DDR4 1600MHz, 16 bits
Flash Memory	SPI Flash memory
USB-Over-IP	USB 2.0 extension over LAN supporting both bulk and isochronous type webcams or Keyboard and Mouse
Dante Compatibility	Works with Dante Controller, Dante Domain Manager, and Dante Director

## Specifications (for Dante Audio version only)

Category	Details
Audio Channels In/Out	2x2 Dante Audio over IP channels
Supported Sample Rates	44.1, 48, 88.2, 96 kHz
Supported Bit Depth	24bit
Minimum Dante Audio Latency	4 ms