Dante Embedded Platform™

Dante for a world of Software - Driven AV

Up to 128x128 channels of bidirectional audio*

48 kHz default sample rate, future support for other Dante sample rates

Latency: 1ms for Reference Design Kit, 5ms typical for systems using SDK*

Redundant network capable
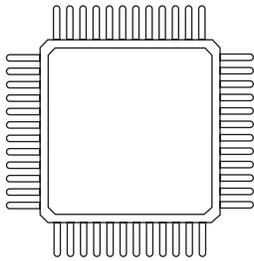
Dante Domain Manager ready

* Maximum channel count and achievable latency will depend on processor type (x86 or ARM), speed, other processing loads, operating system configuration and tuning.

Dante Embedded Platform is a software implementation of the world's most widely used AV-over-IP solution, targeting AV products implemented on Linux running on x86 and ARM processors. It addresses emerging needs for an industry transitioning to a more software-focused model of system and product design, providing the tools manufacturers need to make AV as software a reality.

Dante for your Linux-based audio products

Deliver powerful, flexible and cost-effective software-based products that come with Dante audio networking already on board.
Dante Embedded Platform lets you build the world's leading audio networking solution directly into your Linux-based products using your UX paradigm for seamlessly integrated workflows. With minimal additional hardware and low marginal costs, Dante Embedded Platform preserves the smallest product footprint while enabling OEMs to deliver in-field software upgrades, so your products and your customers stay up-to-date.

Develop with confidence

Dante Embedded Platform eliminates costly guesswork, delivering an SDK with validation tools that allow you to test existing or pre-planned products for Dante performance capabilities in order to identify the best candidates. The Dante Embedded Platform SDK supports Arm Cortex-A processors, while a complete Reference Design Kit delivers robust, pre-validated designs using the popular NXP i.MX 8M Mini QuadLite chipset.

Dante Embedded Platform™

no matter what the vendor, with support or popular, powerful tools such as Dante Controller, Dante Virtual Soundcard, and Dante Domain Manager.

Available in your size

Dante Embedded Platform is designed to work in products that run Linux over a wide range of processors, making it ideal for developing families of interoperable products that range from compact Arm-based products with a small number of channels up to large, x86-based designs that deliver high hannel counts with low, deterministic latency – all using the same code.

Connect to the world's largest ecosystem of AV-over-IP product

Dante is the most popular AV-over-IP solution in the world, with thousands of completely interoperable products available from hundreds of manufacturers. With legendary ease of use, low latency and sub-microsecond synchronization, Dante Embedded Platform provides a consistent, high quality experience for end users