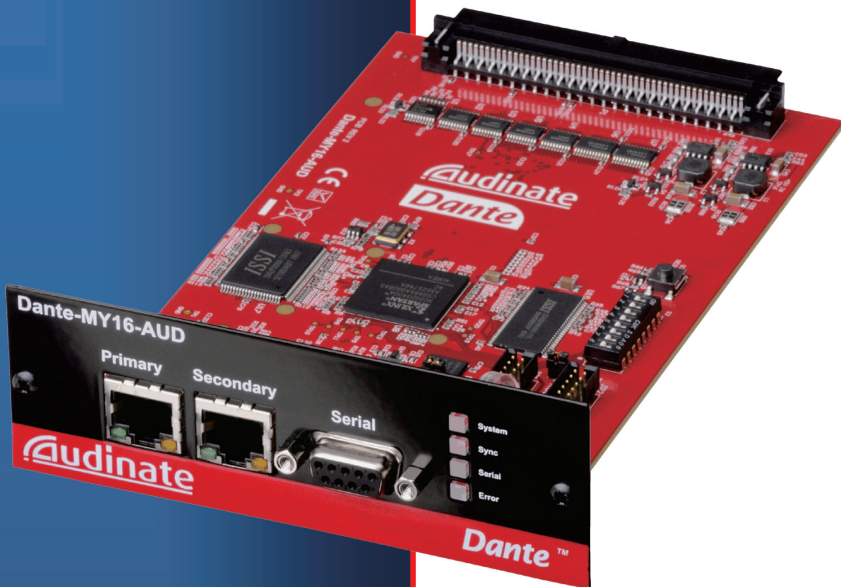


## Dante™

Media Networking Technology



## Digital Audio Networking just got easy

Audinate's Dante-MY16-AUD card is a fully compatible Yamaha Mini-YGDAI standard card that instantly Dante-enables your Yamaha mixer, processor or power amp. Each Dante-MY16-AUD provides 16 bidirectional audio channels (8 at 96 kHz) and full Dante network audio redundancy over Gigabit Ethernet. Add more cards to add more channels, and connect to other Dante-enabled audio equipment and to a PC or Mac running Audinate's Dante Virtual Soundcard software for a complete audio networking solution.

The Dante-MY16-AUD card is exclusively distributed by Yamaha.

## Dante: Benefits

- **True plug-and-play networking:** Automatic device discovery and network configuration
- **High-definition audio reproduction:** Sample-accurate playback synchronization
- **Extremely low latency:** Optimized for standard networks
- **True IP networking technology:** Built on global networking standards including IEEE 802.3, UDP/IP and IEEE1588; AVB-ready
- **Network your computer without additional hardware:** Dante Virtual Soundcard (DVS) for Windows and Mac software
- **One network for all your audio devices:** Mixed sample rates and mixed bit depths – all at the same time
- **Cost-Effective:** Uses off-the-shelf Ethernet switches and IP routers

## What is Dante?

Dante delivers something every audio professional needs: a no-hassle, self-configuring, true plug-and-play digital audio network that uses standard Internet Protocols over both 100Mbps and 1 Gigabit Ethernet. Patent-pending Dante technology distributes digital audio plus integrated control data with imperceptible latency, sample-accurate playback synchronization, extreme reliability and high channel counts.

**Easy to set up and use.** Our innovative configuration protocol makes networking a true plug-and-play process with automatic device discovery and system configuration. Dante-enabled devices will automatically configure their network interfaces and find each other on the network, so you can skip those complicated, error-prone set-up procedures. Instead of "magic numbers," you label Dante devices and their audio channels with names that make sense to you.

**Sample-accurate timing with inaudibly low latency.** Dante uses audio-independent, high-accuracy network synchronization standards to ensure all Dante devices are synchronized at all times. Sample-accurate playback with extremely low latency and jitter is achieved without limiting your audio sample rates and network layout options.

**True Ethernet and IP network compatibility.** Dante runs on inexpensive off-the-shelf computer networking hardware, and does not require dedicated network infrastructure. Ethernet switches transmit Dante digital media streams alongside ordinary data traffic, so you can integrate professional media operations into properly designed pre-existing networks. And with Dante Virtual Soundcard (DVS), your Mac or Windows computer looks and acts like any other Dante-enabled device. Just plug in to the standard Ethernet port on your computer to use digital audio processing, recording or playback software on the network.



## Features

- ✓ Standard Mini-YGDAI MY16 card
- ✓ High-performance hardware implementation
- ✓ Supports 48 / 96 kHz, 24-bit audio
- ✓ Dual Gigabit Ethernet interfaces
- ✓ Glitch-free Dante audio redundancy support
- ✓ High-quality on-board word clock
- ✓ External word clock sync
- ✓ Expand audio channels using multiple cards
- ✓ Interconnect with other Dante-enabled audio equipment
- ✓ Connect directly to PC with Dante Virtual Soundcard

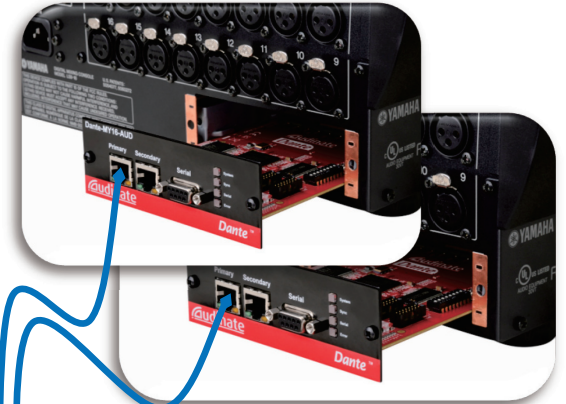
## Application Example: Recording Solution

Record up to 64 channels of audio direct from your Yamaha mixer to your PC or Mac running Steinberg Nuendo or other audio recording software.



### No Audio Interface Required!

PC or Mac running Dante Controller, Dante Virtual Soundcard and Steinberg Nuendo or other audio application



Yamaha equipment with up to 4 Dante-MY16-AUD card(s) installed



Gigabit switch and Cat5 Ethernet cables

## Specifications

<b>Sample Rates</b>	48kHz and 96kHz
<b>Audio channels</b>	16 bidirectional @ 48kHz OR 8 bidirectional @ 96kHz
<b>Sample bit-depth</b>	24 bit PCM
<b>Network</b>	2 x Gigabit (1000Mbps; 1Gbps) Ethernet RJ45 connectors
<b>Redundancy</b>	Glitch-free Dante audio redundancy using dual Ethernet networks
<b>HA Remote</b>	Supported on HA Remote capable Yamaha products
<b>Expandable</b>	Install up to four Dante-MY16-AUD cards in available Mini-YGDAI-compatible slots for up to 64 bidirectional audio channels
<b>Compatible Yamaha equipment</b>	Compatible with a range of digital mixing consoles, processors and power amps equipped with Mini-YGDAI-interface compatible card slots
<b>Digital Mixers</b>	PM5D, DSP5D, M7CL, LS9, DM2000, DM1000, 02R96, 01V96
<b>Processors</b>	DME24N, DME64N
<b>Power Amps</b>	Txn Series
<b>Clock</b>	High quality on-board VCXO clock can provide master clock OR slave off audio equipment; automatic synchronization with Dante network

Visit [www.yamahaproaudio.com](http://www.yamahaproaudio.com) for more information on Mini-YGDAI compatibility

The Dante-MY16-AUD is exclusively distributed by Yamaha.

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