

IP Audio network multichannel Sound Card

The PCIe LX-DANTE sound card bridges professional audio software applications to **Dante networks**. By supporting **128 x 128 redundant channels**, and providing extremely **low latency**, LX-DANTE matches all the requirements for high channel density, low latency, and **reliability** of professional DAWs used for high quality recordings, processing, and multi-channel playout over Dante networks.



Key Points

- Access to up to 128 I/O channels from an audio production software application with a very low latency
- Increases the DAW stability by guaranteeing the PC resources for audio production software applications
- Interoperate with all Dante capable devices, and with AES67 compatible devices

Typical applications

- 🎯 Multichannel recording
- 🔗 Multichannel playout
- 🎛️ DAW dedicated to software effects

Configuration

PCI Express card	PCI EXPRESS™ (PCIe®) x4, (x8, x16 compatible)
Network interfaces	Two Gigabit Ethernet RJ45 connectors

IP audio

IP audio transport	Dante Audio over IP, AES67
Redundancy	Glitch-free Dante audio redundancy using dual Ethernet networks
Clock synchronization	Master or slave

Audio

Audio Channels	128 / 128 I/O channels @ up to 96kHz64 / 64 I/O channels @ 192kHz
Supported Sample Rates	44.1, 48, 88.2, 96, 176.4 and 192kHz
Sample bit-depth	24 bit PCM Audio
Latency	Round trip latency as low as 2.99ms

Software environment

PCI Express card	PCI EXPRESS™ (PCIe®) x4, (x8, x16 compatible)
Network interfaces	Two Gigabit Ethernet RJ45 connectors

Compatibility with expansion chassis

Thunderbolt chassis	OWC (Other World Computing) Mercury Helios, Sonnet Echo Express SE II, Magma ExpressBox 1T 1 Slot
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