

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.

Dante with AES67 compatibility

Supported by Audinate's Dante Controller audio networking software

Two Redundant Gbits/s interfaces for seamless redundancy



128 x 128 channels up to 96 kHz,
64x64 channels at 176.4 kHz or 192 kHz

ASIO driver under Windows
Alsa driver under Linux

PCIe 4x interface




KEY FEATURES



Access to up to 128 I/O channels from an audio production software application under Windows or Linux, 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 playback



DAW dedicated to software effects

1 CONFIGURATION

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

2 IP AUDIO

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

3 AUDIO

- **Audio Channels:**
128 / 128 I/O channels at 44.1, 48, 88.2, or 96 kHz
64 / 64 I/O channels at 176.4 kHz or 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

4 SOFTWARE ENVIRONMENT

- ASIO driver interface under Windows
- Supported as of Windows 10 and Windows Server 2012
- Alsa driver interface under Linux
- Supported from Linux kernel 3.10
- Alsa driver delivered by Digigram

5 COMPATIBILITY WITH EXPANSION CHASSIS

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