

## REDNET PCIeR Network Card

The bi-directional Network Audio Interface shall provide interconnectivity to host PC's. The Interface shall support up to 128 channels of bi-directional audio on at 44.1, 48, 88.2 and 96 kHz, and 64 channels at 176.4 and 192 kHz. The PCIeR card mounts via a standard 4-lane PCI Express card slot. ASIO and Core Audio drivers shall be provided.

The Network Audio Interface shall utilize the Dante Protocol for transport of digital audio signals. The system shall be capable of transporting up to 512 bidirectional audio channels over a single, standard Gigabit (or higher) Ethernet link. Software shall be provided for the routing, controlling, and configuring the Network Audio Interface. Software shall provide remote control of reference level, selection of preferred master clock, and sample rate. Ethernet connectivity shall be through a rear panel 8p8c/RJ45 LAN port.

Ethernet communications shall be utilized for software control and Interface configuration. Dante technology shall transport digital audio over fast Ethernet, allowing multiple units to share digital audio. The Network Audio Interface shall require connection to an external 100Base-T or 1 Gigabit Ethernet switch. All Dante and Ethernet connections shall be via Cat5e (or better) cable or fiber-optic. Software shall operate on a PC computer, with network card installed, running Windows 7, Windows 8, and Windows 10 or Mac computer, with network card installed, running 10.9.x, 10.10.x, 10.11.x and 10.12.x.

The Network Audio Interface shall be CE marked, UL/C-UL listed, and shall incorporate AES48-2005 Grounding & EMC practices. The Digital Audio Platform shall be compliant with EU Directive 2002/95/EC, the RoHS directive.

Warranty shall be 1 year.

The Network Audio Interface shall be Focusrite RedNet PCIeR Network Card.