

Rio R1616-N



With adoption of Dante predicted to grow substantially over the next few years, Xilica offers extensive support for the networking technology in its range. For example, the Rio Series of Dante-enabled I/O interfaces can be used to provide additional flexibility not only for the Dante-enabled Neutrino-N and Uno-N processor models, but also as standalone interface devices with other Dante-enabled brands.

When the Rio Series is used in conjunction with Neutrino-N and Uno-N processors, the user has the advantage of being able to configure and manage all Dante devices from within the Xilica Designer software, removing the need to run separate Dante Controller software.

At the present time the Rio Series features five interface models. The newest Rio models include the R22-P, R44-P, R22-WP-X, and R22-WP-M models, which join the original Rio R1616-N and R1616-NX models. All models provide bi-directional Dante network audio transport - analogue audio input, conversion, and transport over network cable and Dante network audio to analogue audio breakout.

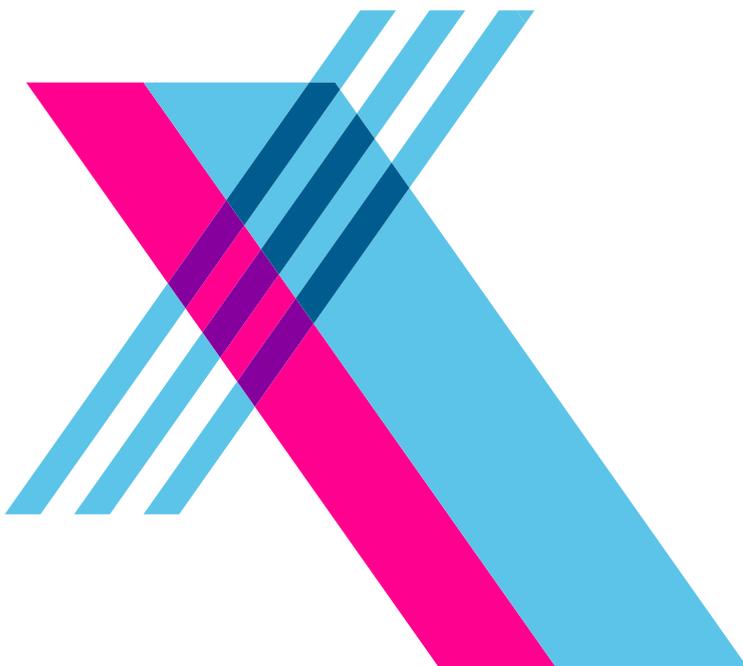
The R1616-N is a full size, 1RU, 19" rack-mount Dante interface providing 16x16 I/O channels of Dante network audio and 16x16 I/O channels of analogue audio on Phoenix connectors, with the R1616-NX model being 2RU in height and providing XLR I/O connections.

Technical Specifications

Input impedance	>10k Ohms
Output impedance	50 Ohms
Maximum level	+20dBu
Mic/Line	Mic (+40dB gain)/Line (0dB)
Type	Electronically balanced w/ 48V Phantom power
Frequency response	+/-0.15dB (20 to 20kHz)
Dynamic range	110dB typ (unweighted)
CMRR	>50dB @ 1kHz
Crosstalk	<-110dB @ 1kHz
Distortion	0.002% (1kHz @ +4dBu)

Processor	40-bit Floating point
Sampling rate	48kHz
Analog converters	High-performance 24-bit
Connectors	Phoenix Plug-in 3.5mm (included), RJ45 Ethernet, IEC power socket
Power	90-240 VAC (50-60Hz)
Dimensions	19"x1.75"x9"(483x44x229mm)
Rack mount	1RU, with vent between units
Weight	11lbs / 5kg
Warranty	2 years parts and labor

*Specifications subject to change



Customer Support

If you'd like to contact us regarding product support or technical designs, email support@xilica.com and we'll connect you with a solutions engineer. Alternatively, if you'd like to speak to someone, you can call the following numbers for immediate assistance:

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