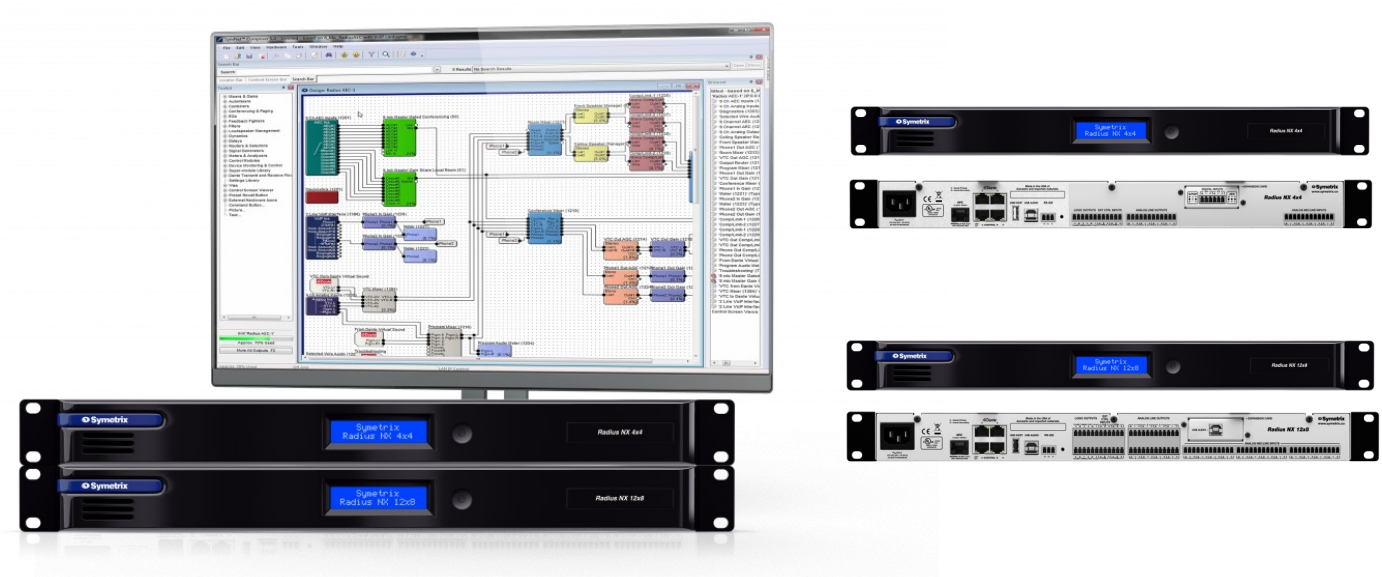
Radius NX



Advanced Audio Signal Processing

The Radius NX's next-generation SHARC dual-core processor makes it possible to design very large and complex systems around a single Radius NX.

Two models. *Radius NX 4×4* (4 analog inputs, 4 analog outputs) and *Radius NX 12×8* (12 analog inputs, 8 analog outputs). Both feature 64×64 redundant Dante and identical DSP resources. The two differ only in analog I/O, logic output and external control input capacity. The reduced cost of the 4×4 makes it extremely competitive in applications where many Dante endpoints are routed to a primary DSP and fewer analog connections are required.

Optional virtualized and scalable AEC coprocessor module. For conferencing applications the dual-core coprocessor provides up to 16 channels of full bandwidth AEC with unparalleled clarity and intelligibility.

USB audio port. Enables soft-codec conferencing and computer-based multitrack recording or playback.

USB host port. Supports upcoming recording and archiving, audio media playback, digital messaging and automatic unit backup for rapid field swaps.

128×128 Super Matrix. A Next-generation SHARC Dual-core Processor enables a Composer Super Matrix – placing the burden of large matrices in one core while freeing the second core for general purpose signal processing – making it possible to design very large and complex systems around a single Radius NX. View modes make navigating through large matrices a breeze.

Configurable 4-port gigabit switch. Services both Dante and control networks, eliminating or reducing the need for external switches while avoiding 100 Mbit bottlenecks.

Ultra-low noise preamps. Digitally controlled 3 dB steps facilitate precise gain setting resulting in unmatched sound quality.

Option card slot. Accepts all Radius and Edge Expansion Cards, maximizing Radius NX input/output counts or adding special purpose functionality to reduce total system cost.

Learn more about the Radius NX at www.symetrix.co under Products