

# SOLARO

Versatile, cost-effective, and built for the network.

VERSION 1



# HOWEVER YOU CHOOSE TO DEPLOY PROCESSING, SOLARO PROVIDES A RIGHT-SIZE FOR YOUR ROOM.

Locate processing in-room, or centralize in an IT datacenter to cost-optimize the implementation of multiple rooms. Solaro offers footprints that handle both with ease, incorporating the industry's smallest-form-factor processor and a rack-mounted enterprise core. Mount under a table, behind a display, or in a drop-ceiling with the PoE-powered Solaro QR1. Or cater to high-channel-count and distributed applications with the Solaro FR1.

SOLARO QR1



SOLARO FR1



## BUILT FOR UNIFIED COMMUNICATIONS

Unlike traditional speaker systems, Sonia is based on Category cable – enabling everyone, with any level of audio knowledge, to deploy great sound in their space. Sonia systems are truly plug-and-play: with no proprietary connectors, wiring diagrams, messy termination or expensive copper cable. Whether you're an AV integrator, IT technician or technology manager, Sonia makes installing speakers easy.



# ALWAYS HEAR CLEARLY.



Realistic, natural-sounding audio is delivered by class-leading HearClear™ acoustic echo cancellation. Utilizing knowledge from thousands of runtime hours, HearClear eliminates far-end echo with sophisticated algorithms to give collaborators a seamless and noise-free experience.

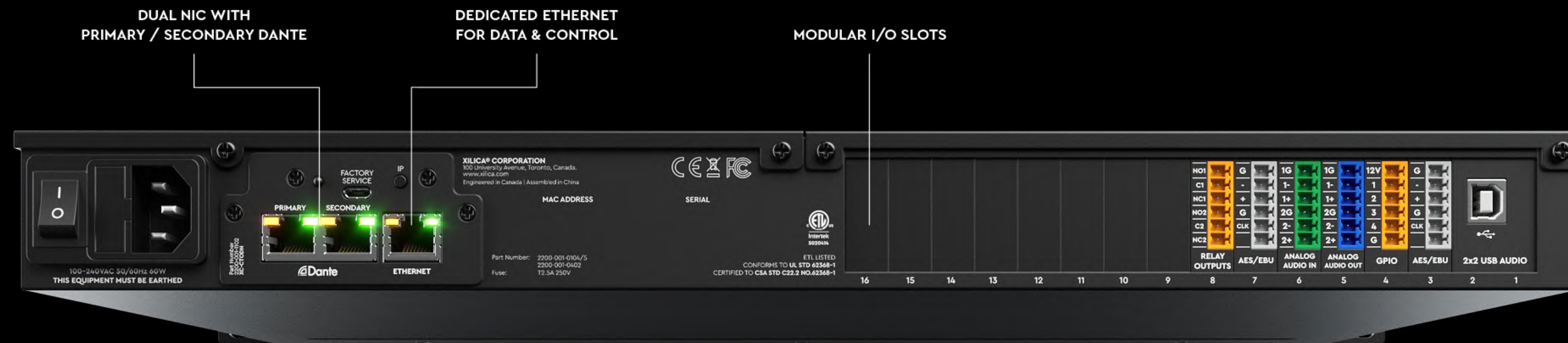
# KEEPING THINGS UNDER CONTROL.

Powerful integrated control engine functionality within every Solaro processor helps run a full AVC system with fewer components. Connect touchscreens and wall-pads to Solaro over Ethernet and eliminate costly third-party control systems, leveraging built-in Lua scripting cores and native modules for Technology Vendor Partners. And when you do want to use a third-party controller, Solaro connects to Crestron® and AMX® systems in a few clicks.



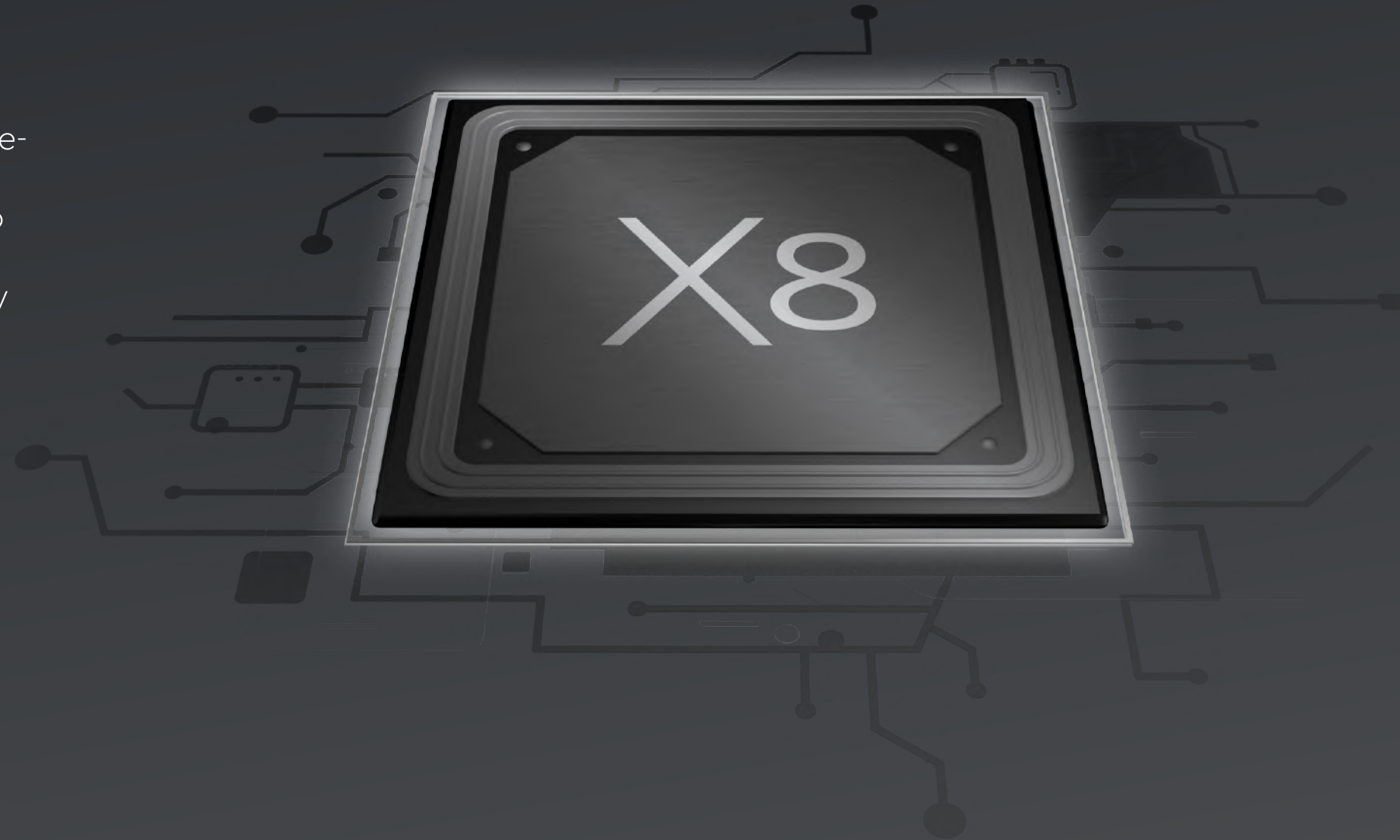
# DELIVER A STREAMLINED NETWORK EXPERIENCE.

Leverage standard network infrastructure to route audio and control across a facility with Solaro's in-built Layer 3 Dante™ functionality, or benefit from Ethernet-to-Ethernet AV systems without proprietary cable and connectors. Safeguard bandwidth and ring fence security with an onboard dual NIC<sup>2</sup> to achieve physical separation of data and audio networks. And with both primary and secondary Dante networks, Solaro can deliver for mission-critical use cases where redundancy is key.



# BREAKTHROUGH PERFORMANCE WITH THE XILICA X8™ CHIP.

Harnessing two decades of processor innovation, the Xilica X8 System-on-a-Chip (SoC) delivers astonishing power for enterprise-grade applications with a lightning-fast CPU, best-in-class MIPS/mW performance, and minimal power consumption. It also provides exceptional audio quality, with 40-bit floating point processing and class-leading 32-bit signal conversion, backed by sampling rates of up-to 96kHz. Hearing the difference is easy.





## ENGINEERED TO ALWAYS ADAPT.

Reimagined modularity sits firmly at the core of Solaro, with user-configurable I/O bays that eliminate the need for special tools or service visits. Solaro processors can be populated with any I/O card to deliver the feature-requirements match for your application, allowing systems to scale and product lifecycles to extend — lowering total cost of ownership. From traditional analog audio to USB, GPIO to relay control, it's all possible.



**LEARN MORE AT [XILICA.COM/SOLARO](https://xilica.com/solaro)**  
DRIVING AUTHENTIC INTERACTION

**XILICA**<sup>®</sup>

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