

# Foundation 100 Series

Small size, big power, easy setup.  
A fantastic add-on to any AV installation.



## Overview

ISAAC is a platform that brings sensible IT concepts and technologies within the more conventional Audio Video workflow. Its embedded software suite lets you effortlessly manage your AV system from one unified interface. With an ever-expanding list of technology partners, ISAAC is simplifying system integration with its overarching ecosystem-based approach.

## Foundation 100 Series

The Foundation 100 Series provides an industrial-grade solution, engineered for challenging applications. Fanless, solid state construction, an operating temperature range of -20° to 60°C, wide input power range, and industrial components with long lifecycles make Foundation 100 Series an ideal fast-deployment platform. In order to make installation even easier, the system offers power over ethernet (PoE) power delivery, meaning power and networking can be provided to the system over a single cable.

## Foundation 110

Foundation 110 is a very cost effective solution to bring the impressively compelling features of the ISAAC software suite to systems that wouldn't benefit from virtual machines hosting.

Its incredibly small form factor makes it a great choice for existing system that can then take advantage of powerful monitoring and management tools. Easy deployment, robustness, and cost efficiency gives ISAAC Foundation an edge when it comes to large multi location installations such as retail and hospitality.

## Engineered for Reliability

ISAAC Foundation is an ultra-compact industrial ARM computer, powered by a Quad-Core Cortex-A72 (ARM v8) 64-bit SoC. It also meets industrial controller requirements for EMC according to Industrial/Scientific Equipment EN 55011, IT Equipment EN 55032 & 35, Medical Devices 60601-1-2 (4th ed.), and Maritime IEC 60945. Safety evaluations have included NRTL Safety Listings and CB schemes for IT equipment, and Industrial/Scientific/PLC equipment (IEC 62368-1, IEC 61010-1, 61010-2-201).



**Compact Size**



**Fanless & Ventless**



**Extended Temp Range**



**12-24V Power Input**



**PoE Powered**



**DIN Rail Mounting**

# ISAAC Workspace

The Workspace is the one place to access the ISAAC tools and features but also your documentation, the setup and configuration pages of most devices, and even access the computers you need for programming and operation.

ISAAC Workspace is accessible from any device connected to your network using a standard web browser. Your entire workflow and experience is inside the native web app to simplify everything. Its flexibility and ease of use provides all the benefits you need to succeed.

-  Access Management
-  Content Management
-  ISAAC Connect
-  System Documentation
-  Scheduling
-  Alerts & Notifications
-  System Monitoring
-  Panels

## Configurations

Configuration	Foundation 110
Hosting <sup>1</sup>	-
High Availability	-
Order Reference	F110
Hardware	Compact industrial chassis
CPU	4-Core
RAM	8 GB
Storage	512 GB M.2 SATA SSD
Network	2 x 1 GB PoE PD Input
Modules <sup>2</sup>	2
Users <sup>2</sup>	5

1. These are recommended values only. Results may vary depending on usage environment and hosted systems requirements. 2. Modules and Users license provided with the related model. Additional Modules and/or Users license can be added at time of order, or at any time in the future. The standard warranty is 1 year.