



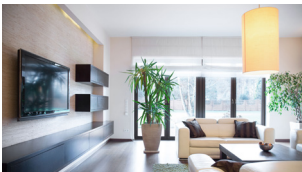
CONTROL PROCESSORS

RTI-ICP-4 Intelligent Control Processors

Intelligent Control with room to grow, the ICP-4 delivers powerful next-generation performance for medium projects with multiple rooms or full offices. Capable, adaptable, fast, and versatile, it runs complex drivers and expands into a larger ICP system when needed. An additional benefit is its dual Ethernet ports, usable as one switch or two separate networks for added security.



MARKETS



RESIDENTIAL

With its strong metal enclosure, multiple mounting options, and powerful capability, the ICP-4 is an ideal solution for large individual rooms in a residential home. Dual Ethernet ports make it suitable for any location, and all commonly used I/O, including IR, relay, RS-232, and RS-485 alongside the network, provides easy control for almost any environment.



HOSPITALITY & RETAIL

For bars, restaurants, and retail shops, simple adaptable control is key. The ICP-4 delivers that, with dual Ethernet ports that suit almost any location. All commonly used I/O, including IR, relay, RS-232, and RS-485 alongside the network, provides easy control for almost any space.



ENTERPRISE MARKET

With its powerful capability, the ICP-4 is ideal for office environments, handling conference systems, amplification, and video switching with ease. As a bonus, its dual Ethernet ports can be split into separate networks, keeping control isolated from the secure IT network.



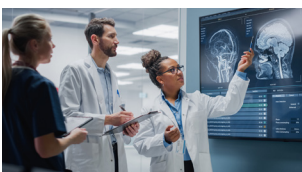
EDUCATION

Classrooms and education centers need small-scale control that stays simple and easy to use. Compact yet powerful, the ICP-4 provides a complete solution, with all commonly used I/O, including IR, relay, RS-232, and RS-485 alongside the network, giving easy control for almost any classroom situation.



HOUSES OF WORSHIP

Houses of worship often need localized control across large areas with little installation space. Compact yet powerful, the ICP-4 is ideal, using its Ethernet switch where connectivity is limited. Commonly used I/O such as IR, relay, RS-232, and RS-485 controls all the peripherals.



MEDICAL

Medical applications demand reliable, robust control, and the ICP-4 delivers a consistent, high-quality platform built on RTI's proven track record. Flexible and powerful, with dual Ethernet ports and IR, relay, and RS-232 control.



CONTROL PROCESSORS

RTI-ICP-4

Intelligent Control Processors

SPECIFICATIONS

PROCESSOR ENGINE

Processor IC	NXP i.MX8MM
Cores	Quad
RAM	3GB
Flash Memory	16GB
CPU Clock Rate	1.8GHz

PORTS

IR	6
RS232	3
Relay	3
12VDC Trigger	3
Contact Trigger	0
Sense	3
IR Input	1
RS485	1
USB-A	2
USB-C	1 x Programming port

COMMUNICATION

Ethernet	Port 1: 10/100/1000 PoE Port 2: 10/100/1000
	Ports operate as a switch or separate NICs
Wi-Fi	No

ENVIRONMENTAL

Operating Temperature	23 to 125°F (-5 to 51°C)
Storage Temperature	-4 to 140°F (-20 to 60°C)
Operating Humidity	5-90% RH (No Condensation)

POWER

Max Power Consumption	24W (12V 2A)
Power Supply Unit	Input: AC 100-240V~ 50/60HZ Output: DC 12V 2A

DIMENSIONS

Mounting	Standalone; Rack Mount (Brackets & Screws Included)
Dimensions (W x D x H)	mm: 215.0 x 152.0 x 44.0 (w/o feet) in: 8.5 x 6.0 x 1.7
Weight	890g (2 lb)
Regulatory	CE, FCC, RCM
Product Warranty	3 years

Specifications subject to change without notice. Mass & dimensions are approximate

KEY FEATURES

POWERFUL NEXT-GENERATION CONTROL:

An all-new Linux platform runs the latest complex drivers with up to 20x faster performance than the previous XP series

DUAL ETHERNET PORTS:

Use them as a single switch for one-cable power, control, and data, or as two separate NICs for isolated networks

VERSATILE MOUNTING:

A compact metal enclosure mounts in a rack, beside AV equipment, or in hard-to-reach areas

MULTIPLE I/O:

IR, relay, sense, RS-232, and RS-485 connect almost any AVPro or third-party device

NEW DRIVER ENGINE AND EASY CONFIGURATION:

A new driver engine expands third-party control, and legacy files convert easily to Integration Designer 12

