PACSystems™ RXi2-BP Industrial PC

The Next Generation of Powerful, Reliable, Ruggedized Computing

Introduction

Emerson has developed the next generation of its powerful, expandable, and reliable industrial computers (IPC).

PACSystems RXi2 IPCs offer new processor choices, increased and faster storage, improved graphics, and enhanced security features.

The PACSystems RXi2-BP IPC delivers compact, rugged, mid to high range performance to run HMI, historian, and analytics applications right at the machine, enabling improved real-time control of operations and better integration into plant-wide systems.

Combining outstanding compute capabilities with a compact and robust enclosure, the PACSystems RXi2-BP is ideal for a range of demanding industrial applications.

High-Performance Computing

Emerson uses AMD Ryzen™ Embedded series processors based on their unmatched performance. The PACSystems RXi2-BP IPC has up to 16GB of ECC RAM, four Gigabit Ethernet interfaces, and industrial grade high-speed SSD disc storage to complete the high-performance design.

These features make the PACSystems RXi2-BP IPC the perfect platform for running industrial applications right at the machine, even in the harshest environments.

The PACSystems RXi2-BP design features 1 PCIe slot expandability. This functionality combined with advanced CPUs allows for flexible, high-performance computing. To help keep data and operations secure, the PACSystems RXi2-BP utilizes Trusted Platform Module (TPM) and Microsoft Secure Boot technology.

Pre-Loaded Edge Analytics and SCADA

Do more at the edge with the PACSystems RXi2-BP optionally pre-loaded with Emerson's PACEdge™ or Movicon.NExT™ HMI/SCADA software. This industrial PC delivers a powerful and tightly integrated solution with reliable, industrial computing and innovative, scalable and flexible automation software.

Based on OPC UA, Movicon.NExT is the first integrated automation software platform for connectivity, IIoT, machine HMI, HMI/SCADA and plant analytics.

Movicon.NExT enables connectivity to many native and integrated communication protocols. It provides enhanced visualization tools, including WPF, XAML and 3D graphics, and also enables data recording independent of data format used. With Movicon.NExT, users also get integrated scripting, an alarm management system, and analytics capable of acquiring production data in real time. These analytics provide KPI and OEE performance data, calculate machine downtime and can be used in tracking and scheduling production.

PACEdge is a singular, secure, and controlled environment for users to begin their Digital Transformation. Edge processing maximizes the value of your data so you can generate real insights and improve your operation's reliability, safety, and energy optimization. PACEdge provides the foundation for these improvements by delivering all aspects of edge processing with simplified IIoT application development, deployment, and administration. All components necessary in the IIoT application life cycle are brought together in this single package to provide a unified and secure interface to decrease your development time and increase your deployable footprint.

For more information:
www.Emerson.com/PACSystems

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Greater Uptime

All aspects of the PACSystems RXi2-BP IPC have been engineered for reliability in harsh environments. With high quality industrial components, a rugged design, and fanless operation, it is perfect for both commercial and industrial applications. The PACSystems RXi2-BP IPC is a highly reliable IPC with a long life cycle.

The foundation of the PACSystems RXi2-BP IPC architecture is Emerson's rugged COM Express modular CPU platform. Emerson also incorporates patented thermal monitoring technology with sophisticated passive cooling techniques to provide the highest-performance, fanless industrial computing platform that can operate in extended temperature ranges.

Enhanced Productivity & Lower Total Cost of Ownership (TCO)

The foundation of the PACSystems RXi2-BP IPC combines high performance with reliability, enhancing productivity and reducing cost of ownership. The PACSystems RXi2-BP IPC delivers low TCO through features such as compact size, reduced maintenance, low power consumption, and ease of future performance upgrades enabled by our innovative rugged COM Express CPU architecture.

Feature	Benefit
AMD Ryzen™ Embedded V1000 and R1000 Series CPUs	High-performance AMD chip with an industrial temperature version. Coupled with our patented cooling technology, our performance is best-in-class.
Fanless operation	A robust, reliable solution with no moving parts and minimized dust contamination.
Four Gigabit Ethernet ports (3 with Time SYNC IEEE1588 and 802.1AS, 1 DASH enabled port)	Network implementation flexibility. Multiple high-speed Ethernet links for communication-centric applications with support for deterministic transfer of data/commands.
Small Form Factor	Mounting options provide flexibility for where the IPC can be installed. DIN Rail or Book Shelf Mounting available.

Specifications[1]

Processor	
AMD Ryzen™ Embedded V1000 and R1000 Series	V1605B, 12-25 W, 4c 2.0GHz (3.6GHz), Vega 8 graphics
	V1404I, 12-25 W, 4c 2.0GHz (3.6GHz), Vega 8 graphics
	R1505G, 12-25 W, 2c 2.4GHz (3.3GHz), Vega 3 graphics
	R1305G, 8-10 W, 2c 1.5GHz (2.8GHz), Vega 3 graphics
Memory	
	Up to 16GB DDR4-2400
	Soldered, with ECC
Storage Interfaces	
	Primary storage device – M.2 SATA 6 gigabit/s
	Micro-SD slot, user accessible, supports OS boot, hot plug
Ethernet[1]	
	Four 10/100/1000BASE-T Ethernet ports
	Option to enable DASH remote management functionality on one port

[1] Additional features may be added by customization, please contact your regional sales representative to inquire.
[2] Operating temperature is dependent on the CPU and SSD choice, application software, orientation of the heat sink fins at free convection. For detailed recommendations please refer to Hardware Reference Manual or contact support team.

Wireless Communication			
	Models are available with optional wireless connectivity (802.11ac/a/b/g/n & Bluetooth 5.0)		
Graphics Interface			
	DisplayPort++ HBR3 support (4 independent displays)		
USB Interface			
	Two USB 3.2 Gen 1x1		
	Two USB 2.0		
Serial Communications			
	One RS-232		
	One galvanically isolated RS422/485		
Expansion			
	One PCIe expansion slot (optional)		
LED			
	One green color user defined LED		
Others			
	Timers: Legacy PC-AT, Local APIC, HPET		
	OS and application watchdog timers		
	Thermal monitoring		
	RTC with Lithium coin cell battery		
Power			
	Input: 24 VDC (±25%) with surge protection, maximum current 2.4 A		
Environmental			
Thermal performance is highly dependent on end application workload, pre-configured processor TDP value, installed expansion cards, IPC mounting orientation etc. Please consult Hardware Reference Manual for details and recommendations.	Range	Operating[2]	Storage
	Standard	0°C up to +70°C	-40°C up to +85°C
	Extended	-40°C up to +70°C	-40°C up to +85°C
	Humidity	5-95% @ +40°C	5-95% @ +40°C
	Altitude	6,600 ft. (2.0 km)	40000 ft. (12 km)
Firmware			
	UEFI AMI Aptio® 5		
Dimensions (H x W x D)			
Base unit without PCIe expansion slot	158 x 191 x 44.5 mm, Weight: 1.45 kg		
Unit with 1 PCIe expansion slot	158 x 191 x 81.8 mm, Weight: 1.73 kg		
Mechanical			
	Rugged aluminum and stainless-steel housing for optimal thermal management and durability		
	IP20 – Protection against particles		

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[2] Operating temperature is dependent on the CPU and SSD choice, application software, orientation of the heat sink fins at free convection. For detailed recommendations please refer to Hardware Reference Manual or contact support team.

Software Support	
	Windows® 10 IoT 2019 LTSC
	Linux® (not pre-loaded except when buying PACEdge option)
	VxWorks® 7.0 (not pre-loaded)
	Movicon.NExT 4.1 and above (pre-loaded options available)
	Pro.Lean™ (pre-loaded options available)
	PACEdge with Optional Movicon Connext™ & WebHMI (pre-loaded options available)
Safety & EMC	
	IEC/UL62368
	CE, FCC
	·UL Listed US/CAN Hazardous Locations: Class 1 Division 2 Groups ABCD ·ATEX Zone 2
Mounting Options	
Slim (Book)	DIN Rail Kit (R2B00ACCRM01)
Panel Mount	Kit for unit without PCIe expansion slot (R2B00ACCMP01)
	Kit for unit with PCIe expansion slot (R2B00ACCMP02)

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[2] Operating temperature is dependent on the CPU and SSD choice, application software, orientation of the heat sink fins at free convection. For detailed recommendations please refer to Hardware Reference Manual or contact support team.

Understanding Part Number Nomenclature

PRODUCT CODE
R2B 0 N 1 W 1 N 3 A 0 A

Extension Slot
0 = No Extension Slot (158 x 191 x 44.5 mm)
1 = 1 PCIe Slot Extension (158 x 191 x 81.8 mm)

Processor & Memory RAM Size
AMD Ryzen™ Embedded V1000 & R1000 Series
0 = V1605B, 4c/8t, 12-25 W, 2.0~3.6 GHz, 4 GB DDR4
1 = V1605B, 4c/8t, 12-25 W, 2.0~3.6 GHz, 8 GB DDR4
2 = V1605B, 4c/8t, 12-25 W, 2.0~3.6 GHz, 16 GB DDR4
3 = V1404I, 4c/8t, 12-25 W, 2.0~3.6 GHz, 4 GB DDR4
4 = V1404I, 4c/8t, 12-25 W, 2.0~3.6 GHz, 8 GB DDR4
5 = V1404I, 4c/8t, 12-25 W, 2.0~3.6 GHz, 16 GB DDR4
6 = R1505G, 2c/4t, 12-25 W, 2.4~3.3 GHz, 4 GB DDR4
7 = R1505G, 2c/4t, 12-25 W, 2.4~3.3 GHz, 8 GB DDR4
8 = R1505G, 2c/4t, 12-25 W, 2.4~3.3 GHz, 16 GB DDR4
9 = R1305G, 2c/4t, 8-10 W, 1.5~2.8 GHz, 4 GB DDR4
A = R1305G, 2c/4t, 8-10 W, 1.5~2.8 GHz, 8 GB DDR4
B = R1305G, 2c/4t, 8-10 W, 1.5~2.8 GHz, 16 GB DDR4

Temperature Range
A = 0°C up to 60°C - Commercial Temperature
F = -40°C up to 70°C - Extended Temperature

Connectivity
N = No Wireless Connectivity
W = Wi-Fi / Bluetooth Connectivity

SSD Size
0 = No SSD
1 = 128 GB SSD
2 = 256 GB SSD
3 = 512 GB SSD
4 = 64 GB SSD
5 = 1 TB SSD
6 = 2 TB SSD
7 = 4 TB SSD

Operating System - Software - Mounting
N = No Operating System
A = Windows 10 IoT LTSC 2019
E = PACEdge + DIN Mount
C = PACEdge + DIN Mount + Movicon Connext for Linux 2k tags
W = PACEdge + DIN Mount + Movicon WebHMI Linux 2K tags
M = Windows 10 IoT LTSC 2019 + Movicon.Next Server/Client 500 tags + Alarm Dispatcher 1k tags + WebClient 1 user 1k tags + DIN Mount
F = Windows 10 IoT LTSC 2019 + Movicon.Next Server/Client 2k tags + Alarm Dispatcher 20k tags + WebClient 1 user 20k tags + DIN Mount
P = Windows 10 IoT LTSC 2019 + Movicon.Next Server/Client 5k + Alarm Dispatcher 20k tags + WebClient 1 user 20k tags + Pro.Lean 5 OEE + DIN Mount

Example: R2B 0 N 1 W 1 N 3 A 0 A *No Extension Slot; AMD Ryzen™ Embedded V1000 Series V1605B, 4c/8t, 12-25W, 2.0~3.6 GHz, 8 GB DDR4; PACEdge + DIN Mount + Movicon WebHMI Linux 2K tags; 128 GB SSD; 0°C up to 60°C - Commercial Temperature*

Ordering Information

Part Number	Description	Operating Temperature
R2B1N9N1N3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 4GB RAM, 128GB SSD, 1 PCIe slot, no OS	0˚C up to 70˚C
R2B1N9A1N3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 4GB RAM, 128GB SSD, 1 PCIe slot, Windows 10 IoT	0˚C up to 70˚C
R2B0N9N1N3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 4GB RAM, 128GB SSD, no OS	0˚C up to 70˚C
R2B0N9A1N3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 4GB RAM, 128GB SSD, Windows 10 IoT	0˚C up to 70˚C
R2B0N9N4N3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 4GB RAM, 64GB SSD, no OS	0˚C up to 70˚C
R2B0N9N4W3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 4GB RAM, 64GB SSD, no OS, WiFi	0˚C up to 70˚C
R2B0N9A4N3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 4GB RAM, 64GB SSD, Windows 10 IoT	0˚C up to 70˚C
R2B0N9A4W3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 4GB RAM, 64GB SSD, Windows 10 IoT, WiFi	0˚C up to 70˚C
R2B1NAN1N3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 8GB RAM, 128GB SSD, 1 PCIe slot, no OS	0˚C up to 70˚C
R2B1NAN1W3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 8GB RAM, 128GB SSD, 1 PCIe slot, no OS, WiFi	0˚C up to 70˚C
R2B1NAA1N3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 8GB RAM, 128GB SSD, 1 PCIe slot, Windows 10 IoT	0˚C up to 70˚C
R2B1NAA1W3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 8GB RAM, 128GB SSD, 1 PCIe slot, Windows 10 IoT, WiFi	0˚C up to 70˚C
R2B0NAN1N3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 8GB RAM, 128GB SSD, no OS	0˚C up to 70˚C
R2B0NAN1W3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 8GB RAM, 128GB SSD, no OS, WiFi	0˚C up to 70˚C
R2B0NAA1N3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 8GB RAM, 128GB SSD, Windows 10 IoT	0˚C up to 70˚C
R2B0NAA1W3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 8GB RAM, 128GB SSD, Windows 10 IoT, WiFi	0˚C up to 70˚C
R2B0NAN4N3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 8GB RAM, 64GB SSD, no OS	0˚C up to 70˚C
R2B0NAA4N3A0A	RXi2-BP Industrial PC: AMD R1305G 1.5GHz, 8GB RAM, 64GB SSD, Windows 10 IoT	0˚C up to 70˚C
R2B0N8N1N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 16GB RAM, 128GB SSD, no OS	0˚C up to 70˚C
R2B0N8A1N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 16GB RAM, 128GB SSD, Windows 10 IoT	0˚C up to 70˚C
R2B0N8N2N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 16GB RAM, 256GB SSD, no OS	0˚C up to 70˚C
R2B0N8A2N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 16GB RAM, 256GB SSD, Windows 10 IoT	0˚C up to 70˚C
R2B0N8N3N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 16GB RAM, 512GB SSD, no OS	0˚C up to 70˚C
R2B0N8A3N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 16GB RAM, 512GB SSD, Windows 10 IoT	0˚C up to 70˚C
R2B0N6N1N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 4GB RAM, 128GB SSD, no OS	0˚C up to 70˚C
R2B0N6N2N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 4GB RAM, 256GB SSD, no OS	0˚C up to 70˚C
R2B0N6N3N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 4GB RAM, 512GB SSD, no OS	0˚C up to 70˚C
R2B1N7N1N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 8GB RAM, 128GB SSD, 1 PCIe slot, no OS	0˚C up to 70˚C
R2B1N7A1N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 8GB RAM, 128GB SSD, 1 PCIe slot, Windows 10 IoT	0˚C up to 70˚C
R2B0N7N1N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 8GB RAM, 128GB SSD, no OS	0˚C up to 70˚C
R2B0N7A1N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 8GB RAM, 128GB SSD, Windows 10 IoT	0˚C up to 70˚C
R2B1N7N2N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 8GB RAM, 256GB SSD, 1 PCIe slot, no OS	0˚C up to 70˚C
R2B1N7A2N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 8GB RAM, 256GB SSD, 1 PCIe slot, Win 10	0˚C up to 70˚C
R2B0N7N2N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 8GB RAM, 256GB SSD, no OS	0˚C up to 70˚C

Ordering Information

Part Number	Description	Operating Temperature
R2B0N7N2W3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 8GB RAM, 256GB SSD, no OS, WiFi	0˚C up to 70˚C
R2B0N7A2N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 8GB RAM, 256GB SSD, Windows 10 IoT	0˚C up to 70˚C
R2B0N7A2W3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 8GB RAM, 256GB SSD, Windows 10 IoT, WiFi	0˚C up to 70˚C
R2B0N7N3N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 8GB RAM, 512GB SSD, no OS	0˚C up to 70˚C
R2B0N7A3N3A0A	RXi2-BP Industrial PC: AMD R1505G 2.4GHz, 8GB RAM, 512GB SSD, Windows 10 IoT	0˚C up to 70˚C
R2B1N5N1N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 128GB SSD, 1 PCIe slot, no OS	-40˚C up to 65˚C
R2B1N5N1W3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 128GB SSD, 1 PCIe slot, no OS, WiFi	-40˚C up to 65˚C
R2B1N5A1N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 128GB SSD, 1 PCIe slot, Windows 10 IoT	-40˚C up to 65˚C
R2B1N5A1W3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 128GB SSD, 1 PCIe slot, Windows 10 IoT, WiFi	-40˚C up to 65˚C
R2B0N5N1N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 128GB SSD, no OS	-40˚C up to 70˚C
R2B0N5N1W3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 128GB SSD, no OS, WiFi	-40˚C up to 70˚C
R2B0N5A1N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 128GB SSD, Windows 10 IoT	-40˚C up to 70˚C
R2B0N5A1W3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 128GB SSD, Windows 10 IoT, WiFi	-40˚C up to 70˚C
R2B1N5N2N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 256GB SSD, 1 PCIe slot, no OS	-40˚C up to 65˚C
R2B1N5N2W3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 256GB SSD, 1 PCIe slot, no OS, WiFi	-40˚C up to 65˚C
R2B1N5A2N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 256GB SSD, 1 PCIe slot, Windows 10 IoT	-40˚C up to 65˚C
R2B1N5A2W3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 256GB SSD, 1 PCIe slot, Windows 10 IoT, WiFi	-40˚C up to 65˚C
R2B0N5N2N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 256GB SSD, no OS	-40˚C up to 70˚C
R2B0N5N2W3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 256GB SSD, no OS, WiFi	-40˚C up to 70˚C
R2B0N5A2N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 256GB SSD, Windows 10 IoT	-40˚C up to 70˚C
R2B0N5A2W3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 256GB SSD, Windows 10 IoT, WiFi	-40˚C up to 70˚C
R2B1N5N3N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 512GB SSD, 1 PCIe slot, no OS	-40˚C up to 65˚C
R2B1N5A3N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 512GB SSD, 1 PCIe slot, Windows 10 IoT	-40˚C up to 65˚C
R2B0N5N3N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 512GB SSD, no OS	-40˚C up to 70˚C
R2B0N5A3N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 16GB RAM, 512GB SSD, Windows 10 IoT	-40˚C up to 70˚C
R2B0N3N1N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 4GB RAM, 128GB SSD, no OS	-40˚C up to 70˚C
R2B0N3N2N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 4GB RAM, 256GB SSD, no OS	-40˚C up to 70˚C
R2B0N3N3N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 4GB RAM, 512GB SSD, no OS	-40˚C up to 70˚C
R2B1N4N1N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 8GB RAM, 128GB SSD, 1 PCIe slot, no OS	-40˚C up to 65˚C
R2B1N4A1N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 8GB RAM, 128GB SSD, 1 PCIe slot, Windows 10 IoT	-40˚C up to 65˚C
R2B0N4N1N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 8GB RAM, 128GB SSD, no OS	-40˚C up to 70˚C
R2B0N4N1W3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 8GB RAM, 128GB SSD, no OS, WiFi	-40˚C up to 70˚C

Ordering Information

Part Number	Description	Operating Temperature
R2B0N4A1N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 8GB RAM, 128GB SSD, Windows 10 IoT	-40˚C up to 70˚C
R2B0N4A1W3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 8GB RAM, 128GB SSD, Windows 10 IoT, WiFi	-40˚C up to 70˚C
R2B1N4N2N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 8GB RAM, 256GB SSD, 1 PCIe slot, no OS	-40˚C up to 65˚C
R2B1N4A2N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 8GB RAM, 256GB SSD, 1 PCIe slot, Windows 10 IoT	-40˚C up to 65˚C
R2B0N4N2N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 8GB RAM, 256GB SSD, no OS	-40˚C up to 70˚C
R2B0N4A2N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 8GB RAM, 256GB SSD, Windows 10 IoT	-40˚C up to 70˚C
R2B1N4N3N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 8GB RAM, 512GB SSD, 1 PCIe slot, no OS	-40˚C up to 65˚C
R2B1N4A3N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 8GB RAM, 512GB SSD, 1 PCIe slot, Windows 10 IoT	-40˚C up to 65˚C
R2B0N4N3N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 8GB RAM, 512GB SSD, no OS	-40˚C up to 70˚C
R2B0N4A3N3A0F	RXi2-BP Industrial PC: AMD V1404I 2.0GHz, 8GB RAM, 512GB SSD, Windows 10 IoT	-40˚C up to 70˚C
R2B1N2N1N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 16GB RAM, 128GB SSD, 1 PCIe slot, no OS	0˚C up to 65˚C
R2B1N2A1N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 16GB RAM, 128GB SSD, 1 PCIe slot, Windows 10 IoT	0˚C up to 65˚C
R2B0N2A1N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 16GB RAM, 128GB SSD, Windows 10 IoT	0˚C up to 70˚C
R2B1N2N2N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 16GB RAM, 256GB SSD, 1 PCIe slot, no OS	0˚C up to 65˚C
R2B1N2A2N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 16GB RAM, 256GB SSD, 1 PCIe slot, Windows 10 IoT	0˚C up to 65˚C
R2B0N2N2N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 16GB RAM, 256GB SSD, no OS	0˚C up to 70˚C
R2B0N2A2N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 16GB RAM, 256GB SSD, Windows 10 IoT	0˚C up to 70˚C
R2B0N2N3N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 16GB RAM, 512GB SSD, no OS	0˚C up to 70˚C
R2B0N2A3N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 16GB RAM, 512GB SSD, Windows 10 IoT	0˚C up to 70˚C
R2B0N0N1N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 4GB RAM, 128GB SSD, no OS	0˚C up to 70˚C
R2B0N0N2N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 4GB RAM, 256GB SSD, no OS	0˚C up to 70˚C
R2B0N0N3N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 4GB RAM, 512GB SSD, no OS	0˚C up to 70˚C
R2B0N1N1N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 8GB RAM, 128GB SSD, no OS	0˚C up to 70˚C
R2B0N1A1N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 8GB RAM, 128GB SSD, Windows 10 IoT	0˚C up to 70˚C
R2B0N1N2N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 8GB RAM, 256GB SSD, no OS	0˚C up to 70˚C
R2B0N1A2N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 8GB RAM, 256GB SSD, Windows 10 IoT	0˚C up to 70˚C
R2B0N1N3N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 8GB RAM, 512GB SSD, no OS	0˚C up to 70˚C
R2B0N1A3N3A0A	RXi2-BP Industrial PC: AMD V1605B 2.0GHz, 8GB RAM, 512GB SSD, Windows 10 IoT	0˚C up to 70˚C
R2B00ACCRM01	RXi2-BP Industrial PC Accessory: 1pcs DIN Rail Mounting Kit R2B	-
R2B00ACCMP02	RXi2-BP Industrial PC Accessory: 1pcs Panel Mounting Kit for one-slot variant	-
R2B00ACCMP01	RXi2-BP Industrial PC Accessory: 1pcs Panel Mounting Kit R2B for zero-slot variant	-

Pre-Loaded Software Devices

Part Number	Description	Operating Temperature
R2B1NAM1N3A0A	RXi2-BP Industrial PC: AMD R1305G CPU, 8GB RAM, 128GB SSD, 1 PCIe Slot, Windows, Movicon.Next, Alarm Dispatcher, Web Client, 500 Tags	0˚C up to 70˚C
R2B1NAM1W3A0A	RXi2-BP Industrial PC: AMD R1305G CPU, 8GB RAM, 128GB SSD, 1 PCIe Slot, Windows, WiFi, Movicon.Next, Alarm Dispatcher, Web Client, 500 Tags	0˚C up to 70˚C
R2B0NAM1N3A0A	RXi2-BP Industrial PC: AMD R1305G CPU, 8GB RAM, 128GB SSD, Windows, Movicon.Next, Alarm Dispatcher, Web Client, 500 Tags	0˚C up to 70˚C
R2B0NAM1W3A0A	RXi2-BP Industrial PC: AMD R1305G CPU, 8GB RAM, 128GB SSD, Windows, WiFi, Movicon.Next, Alarm Dispatcher, Web Client, 500 Tags	0˚C up to 70˚C
R2B1N4F1N3A0F	RXi2-BP Industrial PC: AMD V1404I CPU, 8GB RAM, 128GB SSD, 1 PCIe Slot, -40 to 65C, Windows, Movicon.Next, Alarm Dispatcher, Web Client, 2000 Tags	-40˚C up to 65˚C
R2B1N4F1W3A0F	RXi2-BP Industrial PC: AMD V1404I CPU, 8GB RAM, 128GB SSD, 1 PCIe Slot, -40 to 65C, Windows, WiFi, Movicon. Next, Alarm Dispatcher, Web Client, 2000 Tags	-40˚C up to 65˚C
R2B0N4F1N3A0F	RXi2-BP Industrial PC: AMD V1404I CPU, 8GB RAM, 128GB SSD, -40 to 70C, Windows, Movicon.Next, Alarm Dispatcher, Web Client, 2000 Tags	-40˚C up to 70˚C
R2B0N4F1W3A0F	RXi2-BP Industrial PC: AMD V1404I CPU, 8GB RAM, 128GB SSD, -40 to 70C, Windows, WiFi, Movicon.Next, Alarm Dispatcher, Web Client, 2000 Tags	-40˚C up to 70˚C
R2B1N2P2N3A0A	RXi2-BP Industrial PC: AMD V1605B CPU, 16GB RAM, 256GB SSD, 1 PCIe Slot, Windows, Movicon.Next, Alarm Dispatcher, Web Client, PRO.LEAN, 5000 Tags	0˚C up to 65˚C
R2B1N2P2W3A0A	RXi2-BP Industrial PC: AMD V1605B CPU, 16GB RAM, 256GB SSD, 1 PCIe Slot, Windows, Wifi, Movicon.Next, Alarm Dispatcher, Web Client, PRO.LEAN, 5000 Tags	0˚C up to 65˚C
R2B0N2P2N3A0A	RXi2-BP Industrial PC: AMD V1605B CPU, 16GB RAM, 256GB SSD, Windows, Movicon.Next, Alarm Dispatcher, Web Client, PRO.LEAN, 5000 Tags	0˚C up to 70˚C
R2B0N2P2W3A0A	RXi2-BP Industrial PC: AMD V1605B CPU, 16GB RAM, 256GB SSD, Windows, WiFi, Movicon.Next, Alarm Dispatcher, Web Client, PRO.LEAN, 5000 Tags	0˚C up to 70˚C
R2B0N1W1N3A0A	RXi2-BP w/ PACEdge & Movicon Connext & WebHMI: Movicon license includes the Automation Driver Pack, Basic Driver Pack & 2k OPC UA Tags. The RXi2-BP has a quad-core 2GHz processor, 8G RAM, 128G SSD, 0-70C temp range, DIN rail mounting & no PCIe slot	0˚C up to 70˚C
R2B0N1W1W3A0A	RXi2-BP w/ PACEdge & Movicon Connext & WebHMI: Movicon license includes the Automation Driver Pack, Basic Driver Pack & 2k OPC UA Tags. The RXi2-BP has a quad-core 2GHz processor, 8G RAM, 128G SSD, 0-70C temp range, WiFi, DIN rail mounting & no PCIe slot.	0˚C up to 70˚C
R2B0N9C4N3A0A	RXi2-BP w/ PACEdge & Movicon Connext: Movicon license includes the Automation Driver Pack, Basic Driver Pack & 2k OPC UA Tags. The RXi2-BP has a dual-core 1.5GHz processor, 4G RAM, 64G SSD, 0-70C temp range, DIN rail mounting & no PCIe slot.	0˚C up to 70˚C
R2B1N1C1N3A0A	RXi2-BP w/ PACEdge & Movicon Connext: Movicon license includes the Automation Driver Pack, Basic Driver Pack & 2k OPC UA Tags. The RXi2-BP has a quad-core 2GHz processor, 8G RAM, 128G SSD, 0-70C temp range, DIN rail mounting & 1-PCIe slot.	0˚C up to 65˚C
R2B0N1C1N3A0A	RXi2-BP w/ PACEdge & Movicon Connext: Movicon license includes the Automation Driver Pack, Basic Driver Pack & 2k OPC UA Tags. The RXi2-BP has a quad-core 2GHz processor, 8G RAM, 128G SSD, 0-70C temp range, DIN rail mounting & no PCIe slot.	0˚C up to 70˚C
R2B0N1C1W3A0A	RXi2-BP w/ PACEdge & Movicon Connext: Movicon license includes the Automation Driver Pack, Basic Driver Pack & 2k OPC UA Tags. The RXi2-BP has a quad-core 2GHz processor, 8G RAM, 128G SSD, 0-70C temp range, WiFi, DIN rail mounting & no PCIe slot.	0˚C up to 70˚C
R2B1N1W1N3A0A	RXi2-BP w/ PACEdge, Movicon Connext & WebHMI: Movicon license includes the Automation Driver Pack, Basic Driver Pack & 2k OPC UA Tags. The RXi2-BP has a quad-core 2GHz processor, 8G RAM, 128G SSD, 0-70C temp range, DIN rail mounting & 1-PCIe slot.	0˚C up to 65˚C
R2B0N9E4N3A0A	RXi2-BP w/ PACEdge: The RXi2-BP has a dual-core 1.5GHz processor, 4G RAM, 64G SSD, 0-70C temp range, DIN rail mounting & no PCIe slot.	0˚C up to 70˚C
R2B0N1E1N3A0A	RXi2-BP w/ PACEdge: The RXi2-BP has a quad-core 2GHz processor, 8G RAM, 128G SSD, 0 to 70C temp range, DIN rail mounting & no PCIe slot.	0˚C up to 70˚C
R2B0N1E1W3A0A	RXi2-BP w/ PACEdge: The RXi2-BP has a quad-core 2GHz processor, 8G RAM, 128G SSD, 0 to 70C temp range, WiFi, DIN rail mounting & no PCIe slot.	0˚C up to 70˚C
R2B1N1E1N3A0A	RXi2-BP w/ PACEdge: The RXi2-BP has a quad-core 2GHz processor, 8G RAM, 128G SSD, 0-70C temp range, DIN rail mounting & 1-PCIe slot.	0˚C up to 65˚C

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