RXi2-BP Industrial PC

IMPORTANT PRODUCT INFORMATION (IPI)

EMERSON

Introduction

The RXi2-BP IPC industrial computing platform delivers compact, rugged, mid to high-performance computing and high-performance graphics capabilities to run HMI, historian, and analytics applications for real-time control of operations.

The RXi2-BP IPC (NextGen IPC) is composed of the following components:

- mC10L19 COM Express module based on AMD Ryzen V1000 or R1000 series

- CEC10 COM Express Type 10 carrier board

- Industrial-grade enclosure with heat sink for the module and carrier components

Current Release Information

Rxi2-BP hardware is offered preloaded with the latest PACEdge and Movicon software in various configurations.

For more information on the latest version of PACEdge and its software components, please consult the PACEdge Important Product Information (GFK-3198).

Field Upgrades

Upgrades are available for download emerson.com/iac-support. Users should navigate to the **Software** Tab and then select **Downloads** to find a list of upgrades.

For more details on upgradeable components, their part numbers, and versioning, please consult GFK-3198, PACEdge Important Product Information.

Release History

Hardware Version	UEFI Firmware Version	Date	Description
V1.8	1.12	Oct 2023	Updated to support wireless variations
V1.8	1.12	Oct 2022	Carrier Version and CPU Module Version
V1.6	1.10	Jul 2021	1 slot variant released
V1.5	1.10	Jun 2021	Carrier update
V1.4	1.10	Dec 2020	New UEFI
V1.3	1.09	Oct 2020	CPU module update
V1.2	1.09	Oct 2020	Initial Release

RXi2-BP IPC: Functional Compatibility

Compatibility Issue	Description
N/A	N/A

Restrictions and Open Issues

Subject	Description
Serial Port Detection	Port1 shows up in the wrong configuration. The configuration must be changed from RS232 to RS422 in the device manager. This applies to Microsoft Windows only.
Wake on LAN Error	WoL from cold S5 is not functional on Ethernet ports 1, 2, and 3. Note: In default IPC configuration, cold S5 state cannot be entered.

Problems Resolved in Current Release

Subject	Description
UEFI	Updates related to Cybersecurity and stability

Operational Notes

Movicon.NExT License File Recovery in Windows 10

An Industrial PC pre-installed with Windows 10 and a Movicon.NExT software package ships with the license files already activated and ready to use. In the case of a major software crash, the IPC will require a re-image of the Windows's license files, which will have to be manually re-installed. Emerson Customer Care should assist with this re-installation. Please refer to GFK-3187, *RXi2-BP User Manual* for detailed instructions on obtaining and reinstalling the license files.

Movicon.NexT Demo Mode

Movicon.NExT software can be used to design data flows, alarms, and HMI screens (Editor mode) as well as execute already designed projects (Runtime mode). Industrial PCs with pre-installed Movicon.NExT software is licensed for runtime operation only and not for editor/development mode. When launching a project on this Industrial PC, the user is expected to launch the runtime only (i.e., launch the project directly instead of opening it from the Movicon editor tool). If the user opens the editor tool, they will see a pop-up stating that it is running in Demo Mode. This message is referencing the editor functionality only and is expected. If you need an editor license, please contact your Emerson sales representative to make your purchase.

Related Information

PACEdge User's Manual	GFK-3178
PACEdge Important Product Information	GFK-3198
RXi2-BP Quick Start Guide	GFK-3196
PACEdge Secure Deployment Guide	GFK-3197
RXi2-BP Hardware Reference Manual	GFK-3187
Industrial PC Secure Deployment Guide	GFK-3200
RXi2-BP Industrial PC Datasheet	00813-0100-0134

General Contact Information

Home link: http://www.emerson.com/industrial-automation-controls

Knowledge Base: https://www.emerson.com/iac-support

Technical Support

Americas
Phone: 1-888-565-4155
                    1-434-214-8532 (If toll free option is unavailable)

                    Customer Care (Quotes/Orders/Returns): customercare.mas@emerson.com
                    Technical Support: support.mas@emerson.com

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                    +420-225-379-328 (If toll free option is unavailable)

                    Customer Care (Quotes/Orders/Returns): customercare.emea.mas@emerson.com
                    Technical Support: support.mas.emea@emerson.com

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                    +65-3157-9591 (All other Countries)

                    Customer Care (Quotes/Orders/Returns): customercare.cn.mas@emerson.com
                    Technical Support: support.mas.apac@emerson.com

Any escalation request should be sent to mas.sfdcescalation@emerson.com

Note: If the product is purchased through an Authorized Channel Partner, please contact the seller directly for any support.

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