

PACSYSTEMS RX3i

# Product Data Sheet

**IC695NIU001-AGA**

Ethernet Network Interface Unit

|                      |                    |                     |                      |
|----------------------|--------------------|---------------------|----------------------|
| OPTIONAL LOCAL LOGIC | FLASH USER STORAGE | INPUT EXCHANGE SIZE | OUTPUT EXCHANGE SIZE |
| 20 Kbytes            | 10 Mbytes          | 1300 bytes maximum  | 1300 bytes maximum   |

IC695NIU001-AGA is an Ethernet Network Interface Unit in the PACSystems RX3i family. It manages an RX3i remote I/O station communicating with a host controller through Ethernet Global Data.

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## VERIFIED TECHNICAL DATA

|                       |                                                          |
|-----------------------|----------------------------------------------------------|
| Optional local logic  | 20 Kbytes                                                |
| Flash user storage    | 10 Mbytes                                                |
| Input exchange size   | 1300 bytes maximum                                       |
| Output exchange size  | 1300 bytes maximum                                       |
| Serial port count     | 2                                                        |
| Serial interfaces     | RS-232 and RS-485                                        |
| Serial protocols      | SNP; serial I/O; Modbus RTU slave; RTU master by C block |
| 3.3 V power demand    | 1.25 A nominal                                           |
| 5 V power demand      | 1.0 A nominal                                            |
| Operating temperature | 0 to 60deg C                                             |

## ADDITIONAL PRODUCT DATA

|                           |                                  |
|---------------------------|----------------------------------|
| Backplane buses           | RX3i PCI and Series 90-30 serial |
| PCI standard              | 2.2 electrical compatibility     |
| Module slot occupancy     | 2                                |
| Ethernet interface module | IC695ETM001, separate            |
| Calendar clock            | Battery-backed                   |

## DOCUMENTED USE SETTINGS

Industrial Manufacturing and Production Automation: Industrial Production and Assembly.

Food Manufacturing and Beverage Processing: Food Processing and Packaging.

Water Treatment and Wastewater Processing: Municipal Drinking Water Treatment.

## SYSTEM COMPATIBILITY

IC695NIU001-AGA belongs to the PACSystems RX3i platform and serves as an Ethernet Network Interface Unit. Match the complete article code and installed hardware revision before using the applicable manufacturer documentation.

## PRODUCT EVIDENCE

GE Intelligent Platforms GFK-2419N, RX3i Ethernet NIU, base-module specifications