

GENERAL ELECTRIC PACSYSTEMS RX3i

IC695CPE310

PACSystems RX3i CPE310 Controller

General Electric IC695CPE310 is a PACSystems RX3i controller with 13 MB user memory, embedded Gigabit Ethernet, and isolated serial interfaces.

Verified technical data

Field	Officially documented value
Processor platform	PACSystems RX3i CPE310
User memory	13 MB
Nonvolatile flash	13 MB
Boolean execution	0.072 ms per 1000 Boolean instructions
Discrete references	32K input bits and 32K output bits
Analog references	32K input words and 32K output words
Program blocks	Up to 512 blocks; 128 KB maximum per block
Ethernet	Two 10/100/1000BASE-T ports in one embedded switch
Ethernet protocols	SRTCP, Modbus TCP, OPC UA, EGD, PROFINET, DNP3 Outstation, IEC 61850 client, and IEC 60870-5-104 server
Serial interfaces	Isolated RS-232 and isolated RS-485
USB	USB 2.0 Type-A host for removable data storage
Energy pack	IC695ACC400 included
Operating temperature	0...60 °C

Selection and replacement checkpoints

- It combines IEC 61131-3 execution, RX3i backplane access, embedded Ethernet, isolated serial interfaces, and removable-data-storage support in one controller module.
- Before installation or replacement, verify the complete suffix, firmware, RX3i rack and power supply, Ethernet and serial configuration, energy pack, and saved controller project.
- IC695CPE310 replacement requires the exact Axxx or Bxxx hardware suffix, compatible firmware, RX3i rack resources, serial settings, network configuration, and a verified project backup.

System role and applications

- Deterministic control of multi-station manufacturing equipment
- Process-control systems using PACSystems RX3i local and remote I/O
- Industrial systems requiring integrated Ethernet and serial device communications

Important selection note

Confirm the complete IC695CPE310 catalog identity, hardware suffix where present, firmware, compatible rack or standalone platform, connected modules, wiring, and saved configuration before installation or replacement.