

GENERAL ELECTRIC PACSYSTEMS RX3i

IC695CPL410

PACSystems RX3i CPL410 Edge Controller

General Electric IC695CPL410 combines PACSystems RX3i deterministic control with PACEdge and WebHMI edge applications.

Verified technical data

Field	Officially documented value
Controller type	PACSystems RX3i CPL410 Standalone Edge Controller
Processor	1.2 GHz AMD G-Series quad-core
Control memory	64 MB
Control operating system	VxWorks
Edge software	PACEdge and WebHMI
Ethernet interfaces	Six
Serial interface	One RS-232
Security hardware	Secure Boot and Trusted Platform Module
Input voltage	18...30 V DC
Maximum power consumption	20 W
Display	Built-in OLED status display
Marine approvals	ABS, DNV-GL, Bureau Veritas, and Lloyd's Register

Selection and replacement checkpoints

- It runs real-time control on VxWorks while PACEdge and WebHMI support local data collection, analysis, visualization, and controlled connections to higher-level systems.
- Before installation or replacement, verify the exact CPL410 variant, firmware and PACEdge image, 24 V DC power design, network segmentation, storage, security certificates, and saved control and edge applications.
- IC695CPL410 replacement requires the exact base, CKL410, or conformal-coat variant, compatible firmware and PACEdge image, network segmentation, security credentials, and complete application backups.

System role and applications

- Connected machinery requiring deterministic control and local edge analytics
- Distributed process or infrastructure systems with local WebHMI visualization
- Industrial data collection and preprocessing before controlled transfer to enterprise systems

Important selection note

Confirm the complete IC695CPL410 catalog identity, hardware suffix where present, firmware, compatible rack or standalone platform, connected modules, wiring, and saved configuration before installation or replacement.