



PacStar[™] IQ-Core[™] Case



The PacStar IQ-Core Case is the next-generation solution for deploying COTS networking/communication equipment. Through its rugged chassis, modular design, air filtration, and high-velocity fan cooling, the IQ-Core Case enables COTS equipment to pass MIL-STD-810F and to operate reliably in adverse environments.

“Remote Presence” software allows the IQ-Core Case operator to remotely check the status of the system or restart any device across the network. This software also improves system reliability by self-monitoring the device status and system temperatures and quickly notifying operators of trouble.

Benefits

- Extends the life of equipment by protecting from damage, reducing total cost of ownership
- Reduces down time and mean time to repair due to its field-replaceable, modular trays
- Simplifies deployments – advanced wiring management reduces setup/teardown complexities
- Integrates with PacStar IQ-Core Software or existing network management systems

Features

- Easy access, field-replaceable, pull-out trays
- High-velocity cooling fan, field-cleanable particulate filter
- Shock/vibration ruggedization
- Software-based monitoring and equipment power control, with remote management features
- Extensive signal-entry panel and connector options
- Manageable by PacStar IQ-Core Software, for complete control over deployed equipment

Product Specifications

- Ruggedized chassis
- Operational up to 140° F
- Back-plane tray interconnection bay
- Micro-controller monitors tray and equipment temperature
- Micro-controller remotely resets the power of each device
- Main controller with web-enabled access, IPv4- and IPv6-enabled
- Remote presence allows access to console ports over the network
- Each tray can hold up to two devices at 1.75 x 17.50 x 22 in. – Custom dimensions available
- Built in a 9U ECS transit case at 20” x 23” x 38.5” (with covers) 20” x 23” x 34.5 (without covers) – custom dimensions available
- Optional UPS available, wattage and power load based on application
- Wheels available for transportability

OEM/Integrator Benefits

- Case and cooling system design accommodates variety of equipment
- Simple assembly designed around modular component trays
- All cabling and AC power connections are engineered into each tray
- Software program interface (API) enables integration into network management systems

Intellectual Property

- Pacific Star Communications, Inc. products are protected by US patent number 7,535,861 and number 7,573,713
- Additional patents pending