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TECHNOLOGY GROUP

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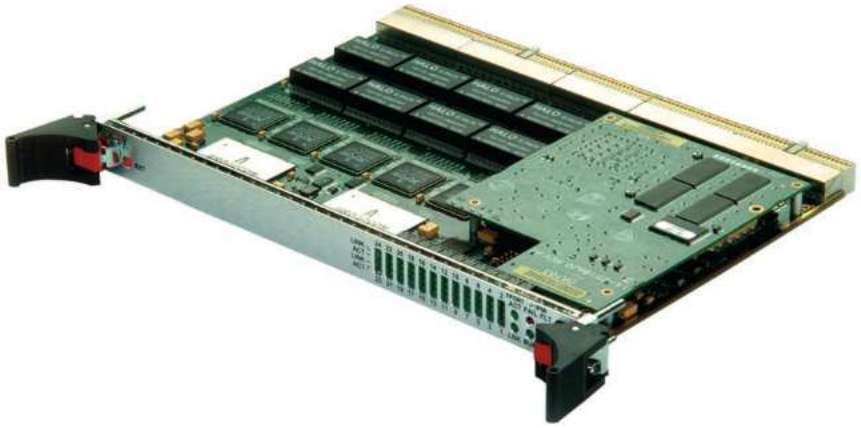
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Find the *Abaco Systems CP920* at our website: ***Click HERE***

GE Fanuc Automation



CP920

CompactPCI® Layer 2/3+ Managed Gigabit Ethernet Switch Family

GE Fanuc Embedded System's CP920 is a family of managed Ethernet switches offering full wire-speed capabilities. Available with 12 or 24 GigE ports, standard or conduction cooled form factors, copper and/or fiber connectivity, with front or rear I/O access, and supporting the PICMG 2.16 standard, the CP920 presents a full range of flexible options for all your switching applications. Based on the Motorola XPC8240 processor and the Broadcom BCM5690 switch fabric, the CP920 has integrated layer 2/3 switching capabilities as well as the ability to support higher layer 4-7 as required. The products are hot swappable for easy field replacement and can be fully managed via SNMP, Telnet or a web server interface.

Features

- Full wire-speed operation
- Fully managed Layer 2/3+ switching
- Available in 12 or 24 ports and multiple copper/fiber combinations
- Advanced QoS and IP functionality
- PICMG 2.1 (Hot swappable)
- PICMG 2.16 (Ethernet on the backplane)
- PICMG 2.19 (IPMI compliance)

Benefits

The CP920 product family is designed for carrier grade switching applications requiring flexible and scalable deployment options. The CP920 delivers:

- A Gigabit Ethernet switch that can be fully managed and easily deployed throughout communication networks.
- A fully standards-based solution ensuring seamless integration with other network infrastructure equipment.
- Multiple front or rear I/O options to meet space and system configurations.
- High performance architecture and switching fabric supporting today's current network requirements as well as future network needs.
- Conduction cooled versions address the stringent requirements of military and defense applications that typically demand operating temperatures of -40 to 85 °C.

About GE Fanuc

GE Fanuc Embedded Systems is a leading global provider of embedded computing solutions for a wide range of industries and applications. Featuring a comprehensive offering that includes Intel®- and PowerPC®-based SBCs and complete I/O systems, industry-leading communications technology, industrial, rugged flat panel monitors and computers and more, GE Fanuc Embedded Systems can support your full range of embedded computing needs. Whether you require a standard product or a fully customized solution, GE Fanuc Embedded Systems can provide the breadth, experience and 24/7 support to make you successful. For more information, visit www.gefanuc.com/embedded or call 1-800-322-3616.

GE FANUC

Embedded Systems

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CP920 Specifications

Components
- Processor: Motorola XPC8240
- Switch Fabric: Broadcom BCM5690

Functionality
- Rapid Spanning Tree Protocol (IEEE 802.1w)
- Link Aggregation (IEEE 802.3ad)
- Virtual LANs (IEEE 802.1Q)
- Port Mirroring

QoS
- Per port priority queuing
- Traffic prioritization and dynamic multicast filtering (IEEE 802.1p)
- Packet filtering

Management
- Command Line Interface (CLI)
- SNMP
- Telnet
- Web server interface

Routing Protocols
- Static
- RIP v1/v2
- OSPF

PCI Standards
- PICMG 2.1
- PICMG 2.16
- PICMG 2.9

Mechanical
- Power
  - Total: 45 watts
  - @3 V: 7 amps
  - @5 V: 4.4 amps
- Operating Temperature
  - 0 to +60 °C
- Storage Temperature
  - -40 to +85 °C
- Operating Humidity
  - 5% to 95% noncondensing
- Storage Humidity
  - 5% to 95% noncondensing
- Form Factor
  - 6U single slot CompactPCI

Conformal Coating
- Yes, optional

Warranty
- 3 years

CP920 Ordering Options

Front I/O Models	
CP920FP-12	(12) Fiber 1000BaseSX Front I/O
CP920FP/TX-12	(12) 10/100/1000BaseTX Front I/O
CP920FP-12/8F	(4) 10/100/1000BaseTX, (8) Fiber 1000BaseSX Front I/O
Rear I/O Models	
CP920	PICMG 2.16, (24) 10/100/1000BaseTX Rear I/O
CP920-12/M	PICMG 2.16, (12) 10/100/1000BaseTX Rear I/O, Conduction Cooled
CP920-24/M	PICMG 2.16, (24) 10/100/1000BaseTX Rear I/O, Conduction Cooled
Rear Transition Modules	
TRCP9XX	Rear Transition Module, PICMG 2.16, 2 Slots, (24) 10/100/1000BaseTX ports via RJ45 Connectors
TRCP9XX/5	Rear Transition Module (4HP), (5) 10/100/1000BaseTX ports via RJ45 Connectors
TRCP9XX-12	Rear Transition Module (12) 10/100/1000BaseTX ports via RJ45 Connectors
TRCP9XX/J21	Rear Transition Module (4HP), (24) 10/100BaseTX ports via (2) RJ21 Connectors

-CC may be applied to any part to indicate conformal coating

FANUC

Embedded Systems

GE Fanuc Automation Information Centers

Americas:
1 800 322 3616 or 1 256 880 0444

Asia Pacific:
86 10 6561 1561

Europe, Middle East and Africa:
33 1 4324 6007

Additional Resources

For more information, please visit
the GE Fanuc Embedded Systems web site at:

www.gefanuc.com/embedded

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