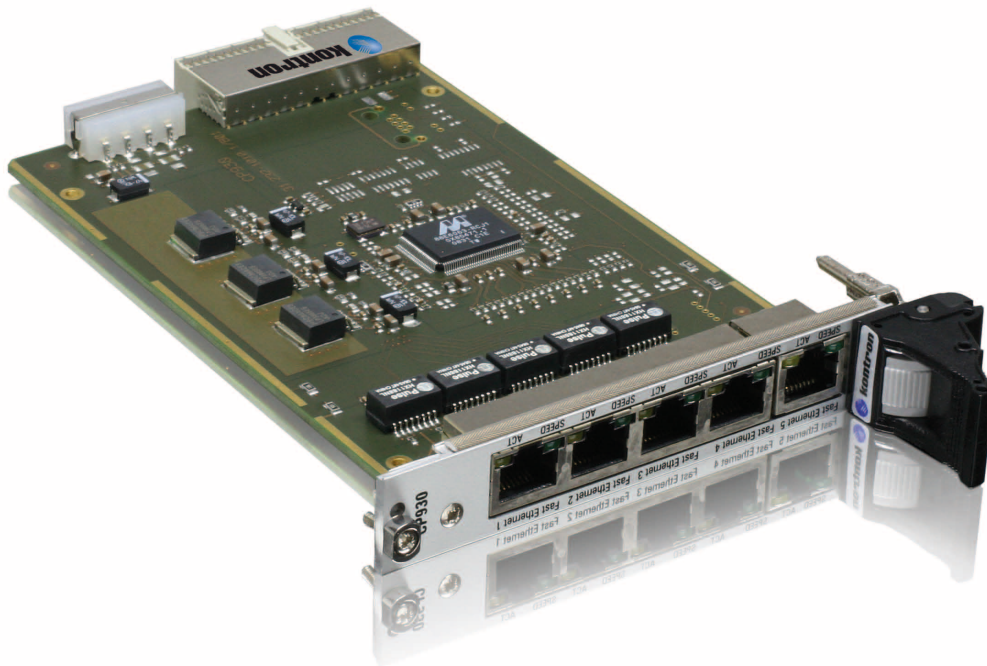# » CP930 «

3U Fast Ethernet Switch

» Fast

Five Fast Ethernet Ports with a data throughput of 1400 Mbps
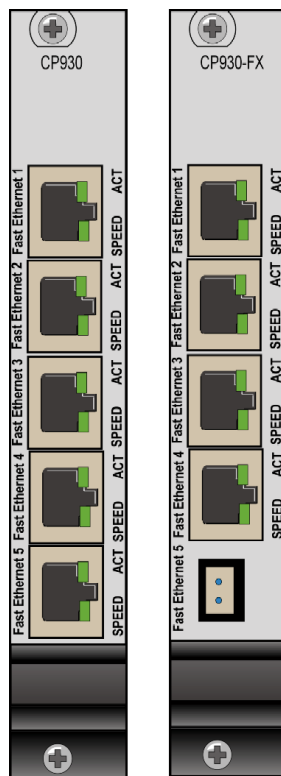
» Versatile

Versatile design for use in CompactPCI, VME, standard PC or customer specific solutions

» Robust

Robust and suited for harsh environments

Designed for operation in industrial automation applications, the CP930 is a rugged 5-port fast ethernet switch that can be used also in an extended temperature range of -40 to +85°C.

CP930 supports 10Mbit/s and 100Mbit/s Fast Ethernet with RJ45 connectors; each of the five ports with two status LED's. **CP930-FX** offers four RJ45 connectors and one fiber optical port with a 1300 nm MTRJ connector.

Technical Information

General

Number of Ports	5x TX or 4xTX and 1xFX
Transfer rate	10 and 100 Mbit/s with auto-negotiation
Uplink	MDI/MDIX on all ports (auto-crossover)
Power	5 Volt nominal (4.7 to 7 Volt DC) maximum 2.2 Watt (3.9 Watt for the FX variant)

Controller

Controller	Unmanaged
SRAM on chip	128 KByte for frame buffering
MAC addresses	integrated look-up engine with 8K MAC addresses

CP930-FX

Optical connector	MT-RJ, multimode, 1300 nm
Distance	2000 m

Common

Front panel connector	RJ45 for copper and MT-RJ 1300nm for fiber
Front panel LED's	Activity and Speed
Power connectors	4 pin Molex (like on HDD's, 5 Volt DC only) J1 of CompactPCI (5 Volt DC only)
Dimensions	100 mm x 160 mm (3U / 4HP)
Temperature Ranges	0°C to + 70°C (standard) −40°C to +85°C (extended)
Climatic Humidity	0..90% (non-condensing)
Weight	155 g
MTBF	148,000 h

Ordering Information

Article	Order-No.	Description
CP930	26304	5-port Fast Ethernet switch with 5x RJ45 to the front
CP930-E2	26307	5-port Fast Ethernet switch with 5x RJ45 to the front, −40 °C / +85 °C temperature range
CP930-FX	26305	5-port Fast Ethernet switch with 4x RJ45 and 1x MT-RJ (1300 nm) to the front

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