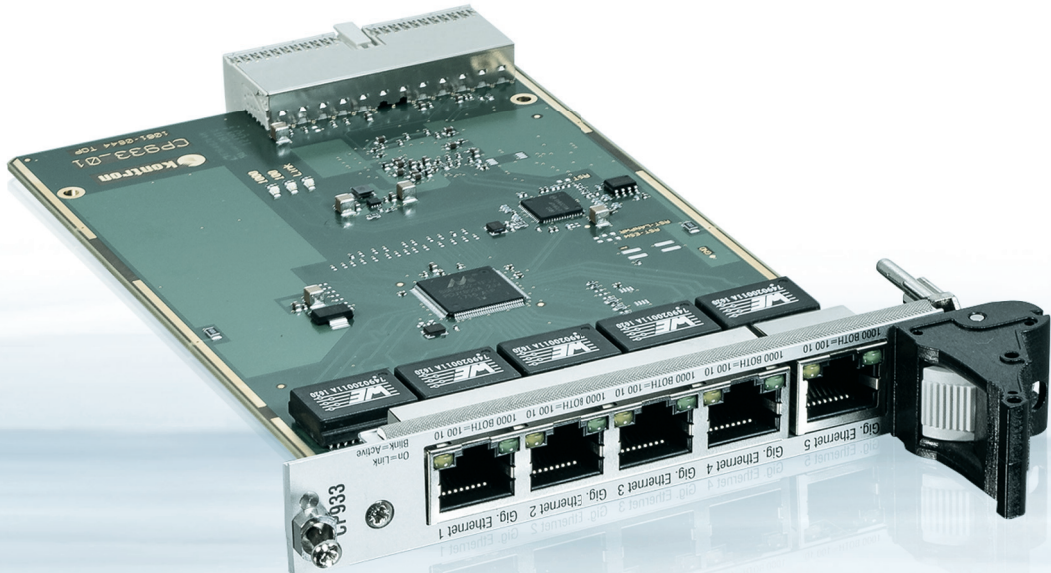


CP933



GIGABIT ETHERNET SWITCH WITH INTEGRATED NIC

- ▶ Robust 3U CompactPCI design
- ▶ Plug&play use, layer 2 unmanaged
- ▶ Auto-negotiation, all ports uplink capable
- ▶ High-speed lookup engine for minimized latency

The CP933 is a 6-port unmanaged layer 2 Gigabit Ethernet Switch with an integrated NIC. It is designed for plug&play operation in Industrial applications. Its robustness is well suited for any deployment in harsh environments. The CP933 supports 10/100/1000Base-T Ethernet on five ports with RJ45 connectors; each with two status LEDs. The sixth port is connected through a Gigabit Ethernet NIC to the Master CPU of the CompactPCI Backplane segment.

CP933 is based on the Marvell® Link Street® 88E6352 Gigabit Ethernet Switch. It integrates a high-performance non-blocking gigabit switch fabric with state-of-the-art features such as 1 Mb of packet memory, Jumbo Frame support of up to 10 kByte, and 8K MAC addresses. A high performance look-up engine with support for up to 8K MAC address entries is reducing the switch's latency to a minimum.

▶ TECHNICAL INFORMATION

GENERAL	NUMBER OF PORTS SWITCH CONTROLLER ETHERNET CONTROLLER	5x 10/100/1000Base-T, plus NIC over CPCI Marvell® Link Street® 88E6352 Intel® I210-IS
FEATURES	TRANSFER RATE UPLINK SRAM ON CHIP MAC ADDRESSES FRAME SIZES	10/100/1000 Mbit/s with auto-negotiation MDI/MDIX on all ports (auto-crossover) 1 Mbit frame buffer memory integrated look-up engine with 8K MAC addresses up to 10 kByte Jumbo frame support
COMPACTPCI INTERFACE		32-bit / 33 MHz and 66 MHz, CompactPCI Core Specification PICMG 2.0 Rev 3.0 compatible V (I/O): universal (3.3 V/5 V)
SOFTWARE SUPPORT		Windows® 10, Windows® 7, Windows® Embedded Standard 7, Linux®, VxWorks® 6.9, 7 (other OS on request)
COMMON	FRONT PANEL CONNECTOR FRONT PANEL LEDs POWER DISSIPATION DIMENSIONS TEMPERATURE RANGES CLIMATIC HUMIDITY WEIGHT MTBF	5x RJ45 for CAT5 cable Link/Activity and Speed 4.5 W 100 x 160 mm (3U card size) 0 °C to +60 °C (standard); -40 °C to +85 °C (extended); -55 °C to +125 °C (storage) Non-condensing 93 % at 40 °C (acc. to IEC 60068-2-78) 170 g 490.000 h @ 40 °C acc. to MIL-HDBK-217 FN2

▶ ORDERING INFORMATION

ARTICLE*	DESCRIPTION
CP933	6-port Gigabit Ethernet Switch with 5x RJ45 on the front panel and one integrated NIC
CP933-E2	6-port Gigabit Ethernet Switch with 5x RJ45 on the front panel and one integrated NIC, Ext. temp. -40 °C to +85 °C

*) Conformal Coating on request

▶ GLOBAL HEADQUARTERS

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