



## CX8093 | Embedded PC for PROFINET



The CX8093 is a control system with PROFINET RT device interface. The PROFINET interface is designed as a 2-port switch for realisation of daisy-chain cabling. K-bus or E-bus terminals can be attached as required; the CX8093 automatically recognises the type of I/O system connected during the start-up phase. The control system is programmed with TwinCAT via the fieldbus interface or the additional Ethernet interface.

Technical data	CX8093
Processor	32 bit, 400 MHz
Flash memory	256 MB microSD (optionally 1 GB, 2 GB or 4 GB)
Internal main memory	64 MB RAM
Protocol	PROFINET RT device
Programming	TwinCAT PLC
Programming languages	IEC 61131-3
Web visualisation	yes
Online change	yes
Up/down load code	yes/yes
Interfaces	1 x Ethernet 10/100 Mbit/s, 1 x USB device (behind the front flap)
Bus interface	2 x RJ 45 (switched)
I/O connection	E-bus (EtherCAT Terminals) or K-bus (Bus Terminals), automatic recognition
Clock	internal battery-backed clock for time and date (battery behind the front flap, exchangeable)
UPS	1-second UPS (for 1 MB of persistent data)
Operating system	Microsoft Windows CE 6
Web-based management	yes
Current supply I/O terminals	2 A
Max. power loss	3 W
Dimensions (W x H x D)	65 mm x 100 mm x 80 mm
Operating/storage temperature	0...+55 °C/-25...+85 °C
Relative humidity	95 %, no condensation
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protection class	IP 20
Approvals	CE, UL

System	
PROFINET	For further PROFINET products please see the <a href="#">system overview</a> .