



## i CX7000 | Embedded PC with ARM Cortex™-M7 processor

The CX7000 Embedded PC has an ARM Cortex™ M7 single-core processor with 400 MHz. In the basic configuration, the CX7000 has a slot for a microSD card and an Ethernet interface. As a special feature, the CX7000 series has eight integrated multi-functional inputs as well as four integrated multi-functional outputs. The CX7000 does not have a fieldbus interface.

E-bus or K-bus terminals can be attached as required; the CX7000 automatically recognises the type of I/O system connected during the start-up phase. The control system is programmed with TwinCAT 3 via the Ethernet interface.

Technical data	CX7000
Processor	ARM Cortex™-M7, 400 MHz
Flash memory	512 MB microSD (optionally 1 GB, 2 GB, 4 GB or 8 GB)
Main memory	32 MB SDR (internal, not expandable)
Number of inputs	8 multi-functional inputs (24 V DC)
Number of outputs	4 multi-functional outputs (24 V DC, 0.5 A, 1-wire technique)
Protocol	–
Programming	TwinCAT 3 PLC
NOVRAM	2 kB
Interfaces	programming interface: 1 x Ethernet 10/100 Mbit/s (RJ45)
Bus interface	–
I/O connection	E-bus or K-bus, automatic recognition
Clock	internal, capacitor-buffered real-time clock for time and date (storage capacity > 21 days)
Dimensions (W x H x D)	49 mm x 100 mm x 72 mm
Weight	125 g
Operating/storage temperature	-25...+60 °C/-40...+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/markings	CE
TC3 performance class	Basic (10), not yet available; please see <a href="#">here</a> for an overview of all the TwinCAT 3 performance classes

Accessories	
CX1900-01xx	Optionally expandable memory ex factory. Instead of 512 MB microSD card: 1, 2, 4 and 8 GB microSD card

<b>i Product announcement</b>	estimated market release 3rd quarter 2019
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