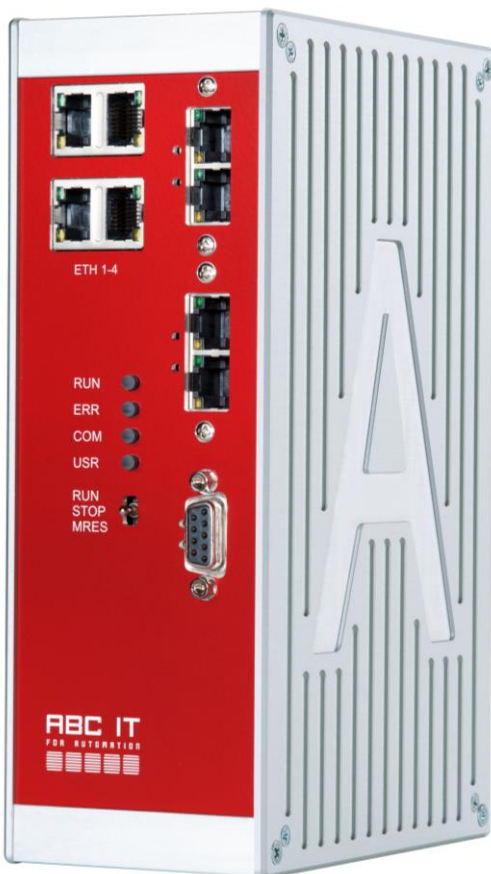


>> ABC X-CPU-3 c57 - The compact CPU solution for plant construction and engineering

The ABC X-CPU-3 c57 is a compact High Feature CPU without restrictions. The module is programmed using STEP5, STEP7, PCS7 and TIA by Siemens and is well suited for operation in modern plant construction and engineering for new projects, as well as retrofits of decentralized Simatic

S7-400 or S7-300 systems and Simatic S5 AG95 or AG100 systems.

The compact CPU has four Gigabit CPs, up to three fieldbus master (Profibus, Profinet, EtherCAT), high performance, maximum Quantity structure, as well as the unique opportunity to work with S5 and S7 programs simultaneously.



ABC-RS7 416 CPU-Software

ABC-RS7 416-945 CPU-Software

ABC-RS7 416-948 CPU-Software

ABC-RS5 945 CPU-Software

ABC-RS5 948 CPU-Software

- Embedded Intel® Atom™ Processor N2600
- 4x integrated 10/100/1000 Mbps Ethernet interfaces
- 64 MB remanent data
- LED diagnostics display

- Command compliant to S7-CPU 416 (also in Mixed Mode as 416-945/948)
- Quantity structure/Performance equates to S7-CPU417
- Compatible to S5-CPU 945/948
- Supports multiprocessor communication with up to 3x S5-CPU948 and 1x S7-CPU416
- Programmable in STEP5, STEP7, PCS7 and TIA
- Complete TCP/IP connection for linking of homogeneous and heterogeneous system components integrated
- High Performance (average 10ns/operation)
- Up to three fieldbus master Profibus, Profinet, EtherCAT

ABC IT GmbH

Virchowstraße 19/19a • 90409 Nuremberg / Germany
Fon +49-(0)911-394 800 0 • Fax +49-(0)911-394 800 99
<http://www.abcit.eu> • E-Mail: mail@abcit.eu

Technical data hardware:

Processor	Intel® Atom™ Processor N2600
Electrical Data	+24Vdc
Operating conditions <ul style="list-style-type: none"> ▪ Operating temperature ▪ Storage temperature ▪ Relative humidity ▪ Vibration and shock resistance ▪ EMC / burst / ESD 	0°C ... +60°C -40°C...85°C During operations:max.90% without condensation 2g/10..500Hz, 20g/10ms acc. IEC1000-4-2 (ESD) acc. IEC1000-4-4 (burst) Emissions acc. EN55022, Part B
LEDs	4 LEDs as status and fault indicators
Dimensions	Height: 20,4cm, Width: 7,2cm, Depth: 12,8cm
Interfaces Ethernet	4x 10/100/1000 Mbps.
Memory extension	2 GB OnBoard Memory 4 GB SLC OnBoard Flash Process data remanent

Technical data software RS5:

Processing times	Bit operations	10 ns
	Word operations	10 ns
	Fixed point arithmetics	10 ns
	Floating-point arithmetics	10 ns

Technical data software RS7:

Processing times	Bit operations	10 ns
	Word operations	10 ns
	Fixed point arithmetics	10 ns
	Floating-point arithmetics	10 ns
Timers / Counters	S7 timers 2048	S7 counters 2048
Data range and remanence Markers Process image Blocks FBs max. FCs max. Data blocks max. Alarms Load memory Work memory Communication jobs	16 KByte from MB 0 to MB 16383 16 KByte In/16 KByte Out From EB 0 to EB16383/AB 0 to AB16383 max. 64 KByte 65535 65535 65534 9 wake-up alarms 64 Mbyte 48 Mbyte 10000	