

Control cabinet PC C6915
with Intel® Atom™ processor

Ultra-compact Industrial PC

Atom™ processors from Intel further enhance the scalability of PC-based control technology. The smallest x86 CPU currently offered by Intel forms the centerpiece of the new C6915 control cabinet PC. It is now the most compact Beckhoff IPC, measuring only 47 x 157 x 116 mm (W x H x D). Because of low processor power dissipation, Atom™-based controllers can be very compact and moderately priced.

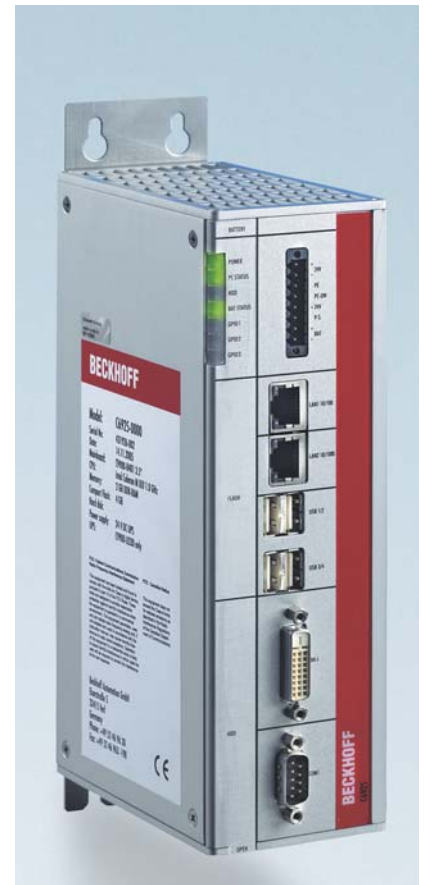
The space-saving aluminum housing of the C6915 Industrial PC is equipped with a 3 1/2-inch motherboard for 1.1 GHz or 1.6 GHz Intel® Atom™ processors. Cooling is achieved through the PC's aluminum surface and enables operation at temperatures up to 55 °C. The basic, solid state configuration of the C6915 features a flash disk, which means it has no moving parts and requires no fan. Optionally, a hard disk or a second Compact Flash card can be integrated.



C6915: Control cabinet Industrial PC with Intel® Atom™ in compact and fanless aluminum housing



C6920: Control cabinet Industrial PC with Intel® Core™ Duo or Core™2 Duo and easily accessible fan cartridge in compact aluminum housing



C6925: Control cabinet Industrial PC with Intel® Celeron® M ULV in compact and fanless aluminum housing

The C6915 has a free Mini PCI slot for a Beckhoff Mini PCI Fieldbus Card or an extra Ethernet card. This requires a Compact Flash card as the storage medium. If the device is equipped with two Compact Flash cards or a hard disk, the Mini PCI slot can only be used for NOVRAM cards.

The C6915 extends the successful C69xx control cabinet PC series, which is available in different performance classes ranging from Intel® Celeron® M ULV 1.0 GHz (C6925) to Core™2 Duo 2.16 GHz (C6920). Industrial PCs from this series paired with a Beckhoff Control Panel with DVI and USB connection or an Ethernet Control Panel provide a high-performance control platform for machine builders and plant engineering applications – particularly when used in conjunction with TwinCAT automation software. Due to its two independent Ethernet interfaces, the C6915 is ideally suited as a compact central processing unit for an EtherCAT control system.

www.beckhoff.com/C6915

Technical data: C6915

fanless Industrial PC for space-saving installation in control cabinets
passive cooling without a fan through cooling fins

3 1/2-inch Beckhoff Motherboard for Intel® Atom™

processor: Intel® Atom™ 1.1 GHz or 1.6 GHz

main memory: 1 GB DDR2RAM

mass storage: 64 MB Compact Flash (optionally larger or second Compact Flash or SATA hard disk, 2 1/2-inch, 40 GB)

Mini PCI slot: 1 free slot for fieldbus, Ethernet or NOVRAM cards
installed ex works

interfaces: 4 USB 2.0 ports

on-board graphic adapter: Intel® GMA500, DVI-I connection

on-board dual Ethernet adapter: 2 x 10/100/1000BASE-T

operating system: Windows CE, English

protection class: IP 20

operating temperature range: 0...55 °C

weight of the basic configuration: 1.25 kg

dimensions: (W x H x D) 47 x 157 x 116 mm (without mounting plate)