

Compact C66xx ATX Industrial PC for control cabinet installation

## High flexibility and small dimensions, built using the latest technologies



The new Beckhoff C66xx Industrial PC series offers high flexibility and small device dimensions. The control cabinet PC is equipped with top-performance components and is available in two versions: the C6640 with compact design, and the C6650 with up to two hard drives, built into removable frames, making the PC suitable for RAID applications.

With the development of the C66xx series control cabinet Industrial PCs, Beckhoff again meets the demand for small dimensions, high flexibility and user-friendly access to all internal components. The series includes two versions with powerful Intel® Core™2 Duo or Core™2 Quad processors on a Beckhoff ATX motherboard.

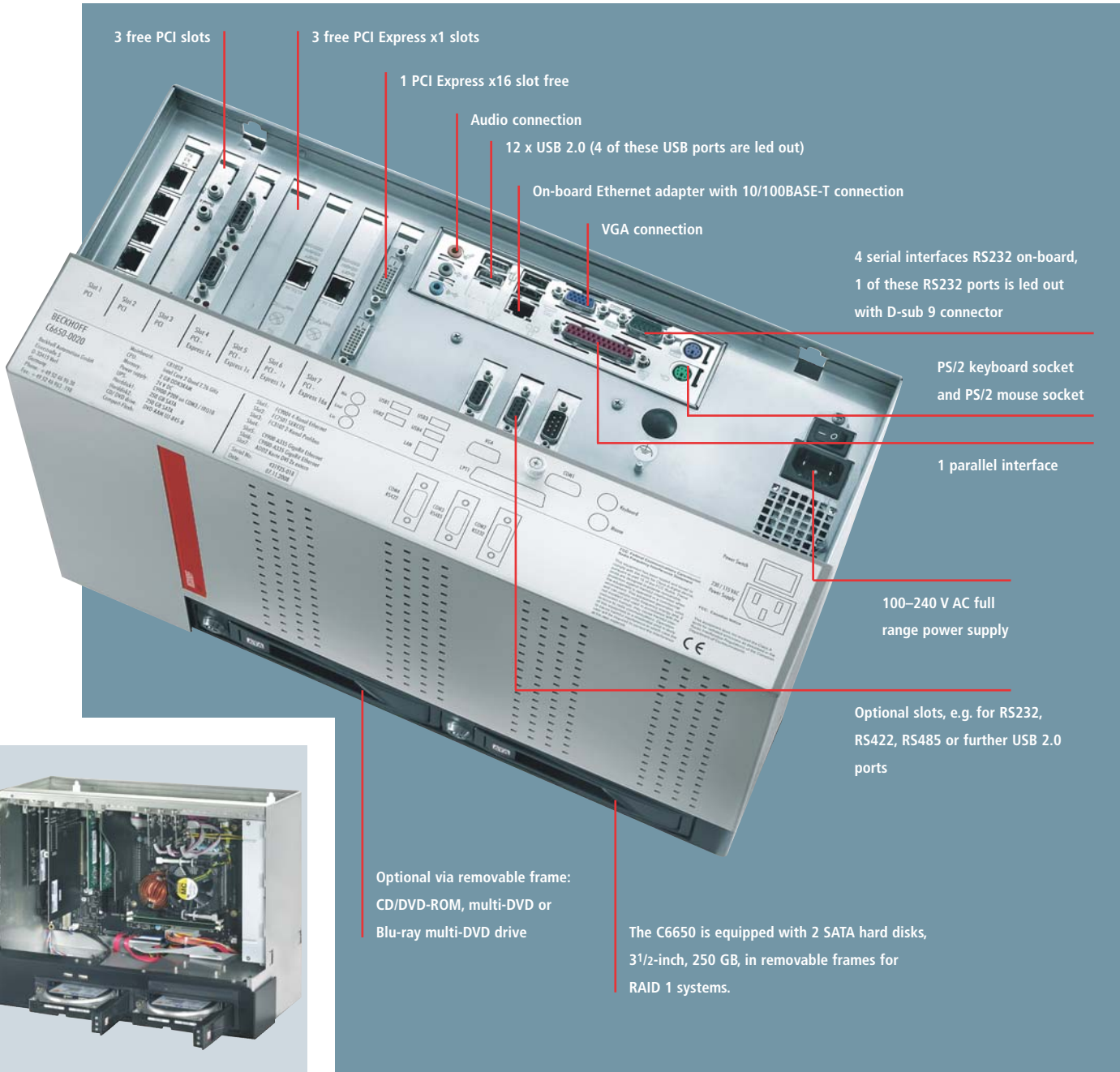
Measuring just 370 x 305 x 200 mm (14.6" x 12" x 7.9"), the C6640 is the more compact Industrial PC in the C66xx series. All connections face upwards, so that the connection cables can be fed directly into the cable channel. Adding only slightly to the width and height, the C6650 is equipped with two hard drives built into removable frames, which together with the on-board RAID controller, form a RAID 1 system with two mirrored hard drives. This ensures high data security. The hard disks can be exchanged easily during operation.

Three free PCI and three PCI Express x1 slots are available for plug-in cards with a length of up to 210 mm (8.3"). Graphics and 10/100 Mbit Ethernet adapters are already available on-board, without taking up a slot. The RAM can be extended from 1 GB DDR3RAM up to 8 GB. The device can be equipped with a CD/DVD ROM, multi-DVD or Blu-ray multi-DVD drive. The C66xx series PCs are supplied with 100 to 240 V AC full range or a 24 V DC power supply unit.

The housing design of the C66xx series ensures long-term compatibility with new PC components. The motherboard, processor, memory and hard disk are all upgradeable, while the same housing can be used for years to come.

[www.beckhoff.com/C6640](http://www.beckhoff.com/C6640)

[www.beckhoff.com/C6650](http://www.beckhoff.com/C6650)



Optional via removable frame:  
CD/DVD-ROM, multi-DVD or  
Blu-ray multi-DVD drive

The C6650 is equipped with 2 SATA hard disks,  
3 1/2-inch, 250 GB, in removable frames for  
RAID 1 systems.



**Roland van Mark, Product and Marketing Management Industrial PC, Beckhoff:**

“The new, compact C66xx Industrial PC series is a result of Beckhoff’s focused attention to customer needs and preferences,” says Roland van Mark. “The C6640 is an Industrial PC with the same flexibility as its predecessors from the C61xx series, but with even more compact design and better access to all internal components. This is coupled with a price advantage compared with existing solutions and a USB connection in

the front. Since the introduction of on-board RAID controllers, a clear trend towards increased data security has emerged over recent years. More than 50 percent of our customers are already taking advantage of this feature. The C6650 implements this market requirement with perfectly matched housing technology. It is a device with the size of the C6140, but equipped with a hard drive built into a removable frame that offers optimum RAID convenience. All of this is offered at a very competitive price.”