

C6675: New device combines ATX motherboard with housing and power supply of industrial server

The new C6675 control cabinet Industrial PC combines ATX motherboard and the housing and power supply unit of the C6670 industrial server to enable the use of large, high-performance graphics cards for particularly advanced machine learning and vision applications.

The C6675 is a perfect symbiosis of the C6670 control cabinet industrial server and the C6650 control cabinet Industrial PC. The new control cabinet Industrial PC is equipped with components of the highest performance class based on latest-generation Intel® Celeron®, Pentium® or Core™ i3/i5/i7 platforms on a Beckhoff ATX motherboard. The housing and cooling



concept adopted from C6670 also allows the use of additional high-performance graphics cards, among other things. This means that even highly computationally intensive applications in the field of machine learning or machine vision can be implemented in the industrial environment.

The slots available are 2 x PCIe-x1, 2 x PCIe-x4, 1 x PCIe-x16, 2 x PCI for full-length plug-in cards with a total of up to 300 W power. Furthermore, the C6675 offers two removable SSD or hard disk frames, which together with the on-board RAID controller form a RAID-1 system with two mirrored hard disks or SSDs. This ensures high data security and failed hard disks or SSDs can easily be replaced during operation.

More information:

www.beckhoff.com/c6675