

C6017: Latest addition to the series of ultra-compact IPCs

Ultra-compact Industrial PC offers extended variety of interfaces and 1-second UPS



The newest generation of universal, flexible and ultra-compact IPCs from Beckhoff is ideal for all tasks in the fields of automation, visualisation and communication. The series has been expanded with the addition of the C6017, which combines exceptionally compact design and great installation flexibility with an increased variety of interfaces and an integrated UPS.

With miniaturised dimensions, the C6017 is practically identical in design to the popular C6015, currently the smallest ultra-compact IPC from Beckhoff. The success of the C6015 quickly created additional demand, especially from applications with increased requirements for connectivity and data security in the event of potential power supply failures. The C6017 was developed precisely for this purpose: the existing C6015 configuration with DisplayPort connection, an onboard dual Ethernet adapter with two 100/1000Base-T connections as well as a USB 3.0 and USB 2.0 port, is being extended on the C6017 with an additional two RJ45 and two USB 2.0 interfaces. Moreover, an optional capacitive 1-second UPS is integrated, which ensures storage of persistent data in the event of a power supply failure.

With dimensions of 82 x 82 x 66 mm, the size of the C6017 is almost identical to the C6015. Only the overall height is extended by a mere 24 mm. Equipped with an Intel® Atom™ CPU with up to four processor cores, the passively cooled IPC also features a robust aluminium and zinc die-cast housing so it is equally ideal for automation, visualisation and communication tasks up to the mid-performance range.

Universally applied generation of control devices

The new ultra-compact IPC series is ideally suited to meet today's demanding requirements in machine building, such as increased modularisation, reduced space requirements in control cabinets, higher processing power and competitive pricing. Designed precisely with these requirements in mind, the new device generation is ideal for a broad range of applications, for instance in distributed topologies and advanced IoT (Internet of Things) or Industrie 4.0 applications.

The computing power is scalable to match requirements:

- C6015 and C6017 for the lower and mid-performance range
- C6030 – the high-end device with Core™-i series processors with up to 3.9 GHz per core – for highly complex machines, CNC or XTS applications, comprehensive multi-axis control, feature-filled HMI, applications with extremely short cycle times and for handling large data volumes.

The new ultra-compact C6017 IPC (in the middle) offers a set of connectors that has been extended by four interfaces and a UPS with only minimally increased height when compared with the popular C6015.



Further information:

www.beckhoff.com/c6017