

PR202021

December 02, 2021

IPC, Embedded-PC

Page 1 of 2

CX5600 Embedded PC series expands portfolio of AMD Ryzen™ devices

Powerful and flexibly expandable device alternative with AMD processor

Equipped with AMD Ryzen™ processors, the Embedded PCs of the CX5600 series complement the existing CX51xx and CX52xx devices with identical housing dimensions. In addition, the new devices offer the option of connecting a CX2500 extension module on the left-hand side, increasing the flexibility in use.

The new series currently includes two device versions: CX5620 has an AMD Ryzen™ processor with 1.2 GHz clock frequency, type CX5630 has a corresponding 2.4 GHz processor. Both DIN rail-mountable Embedded PCs are characterized by low power consumption and fanless operation. As standard equipment, the devices offer two independent Gbit Ethernet interfaces, four USB 3.0, one DVI-D interface, a flexibly assignable multi-option interface ex-factory, as well as 4 GB or 8 GB RAM. In addition, the system can be expanded on the left-hand side with a CX2500 module, so that further PC interfaces (such as two additional 1 GB Ethernet ports) or fieldbus interfaces can be added.

TwinCAT 2 (32 bit) continues to be supported with the CX5600 series. However, it is possible to switch to the more advanced TwinCAT 3 (64 bit) at any time. With both TwinCAT 2 and TwinCAT 3, the management in the TwinCAT real-time kernel ensures that sufficient time remains for executing the user interface (HMI) in addition to executing the real-time control tasks. The high performance of the graphics kernel integrated in the CPU enables support of demanding visualizations including advanced user interfaces. The CX56x0 devices

**Beckhoff Automation
GmbH & Co. KG**
Huelshorstweg 20
33415 Verl, Germany
Phone: +49 5246 963-0
E-Mail: info@beckhoff.com
www.beckhoff.com

Press contact
Silke Franke
Vera Schnatmeyer
Phone: +49 5246 963-140
E-Mail: press@beckhoff.com
www.beckhoff.com/press

PR202021

December 02, 2021

IPC, Embedded-PC

Page 2 of 2

are offered with Windows 10 as well as with the TwinCAT/BSD operating system from Beckhoff.

→ www.beckhoff.com/cx56x0

Press picture:



Picture caption:

With an extended operating temperature range from -25 C to +60 C, the CX56x0 devices can be used even in climatically demanding applications.

Press kit:

www.beckhoff.com/media/downloads/press/pr202021_beckhoff.zip