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Note to editors: Link to high res photo and picture caption follow news release text.

New Beckhoff C6025 Industrial PC Boosts Computing Power with Highly Compact, Fanless Design

Ultra-compact IPC series expands automation and IoT hardware scalability with Intel® Core™ i U processors

SAVAGE, Minnesota, December 10, 2019 – Beckhoff Automation has announced another addition to the popular family of ultra-compact C60xx series Industrial PCs (IPCs) with the new C6025. This space-saving IPC is designed to deliver the high computing performance of the Intel® Core™ i series in a fanless, small-form-factor device. The new Intel® Core™ i U processors, with exceptionally low power requirements, have made this advancement possible.

Measuring just 82 x 127 x 40 mm and combining high computing performance with a fanless design, the Microsoft “Azure™ Certified” C6025 IPC is an ideal choice for demanding automation and IoT applications where green, sustainable IT is also a requirement. The Intel® Core™ i U processors deliver Core™ i performance capabilities yet consume significantly less power than other processors of the same series. The 8th Gen Intel® Core™ i U processors used in the C6025 also offer an advantage typical of evolving PC-based technology: higher performance at the same price point as previous offerings. With this new addition, the Beckhoff portfolio of industry-ready and long-term available IPCs now spans five CPU performance classes – from ARM through to Intel® Xeon® – for maximum hardware scalability.

The energy-efficient Intel® Core™ i U processors in the IPC, in combination with an advanced cooling design, enable fully passive heat dissipation via a

heat sink on one side. Housed in an aluminum and zinc die-cast enclosure, the C6025 feature set offers the following:

- up to four CPU cores
- 4 GB DDR4 RAM (expandable to 8 GB)
- 40 GB M.2 SSD with 3D flash memory
- 1 x DisplayPort video connector
- 4 x USB 3.0 ports
- on-board Ethernet controller with 3 x 100/1000Base-T ports
- operating temperature range of 0 to 50° C

The energy-efficient, ultra-compact C6025 IPC expands the broad PC-based control portfolio from Beckhoff to offer a performance level situated between the entry-level devices with Intel Atom® CPUs and those with high-end Intel® Core™ i-series processors. With this addition, the Beckhoff product portfolio better addresses the growing trend toward compact, fanless IPCs while supporting applications with highly intensive computing requirements.

[C6025 Industrial PC](#)

Link to high res image:

https://download.beckhoff.com/download/press/2019/pictures/pr132019_Beckhoff.zip

Press picture:



Picture caption:

The new C6025 Industrial PC from Beckhoff (center) adds a fanless Intel® Core™ i device to the C60xx series of advanced IPCs that are exceptionally compact and easy to install.

Beckhoff Automation is a provider of advanced and open automation solutions based upon proven technologies for customers to implement high performance control systems faster and at a lower overall cost than traditional PLC and motion control systems. Beckhoff's "New Automation Technology" product range includes PC-based control, Industrial PCs, automation controllers, operator interfaces, I/O, servo drives and motors. With representation in more than 60 countries, Beckhoff is well-positioned to provide global sales and service to its customers. Beckhoff sales and service are handled directly, with no intermediaries involved for exceptional customer service and consultation.

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Send questions regarding "Beckhoff C6025 Industrial PC" to:

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