

Media contact:

James Figy
Beckhoff Automation
Phone: 952-428-7321
j.figy@beckhoff.com
[LinkedIn](#)

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

Beckhoff Powers Adaptive Automation with New C6675 IPC

Ideal for adaptive manufacturing, machine learning, vision and other complex applications, the IPC combines an ATX motherboard and GPU in one powerhouse device

SAVAGE, Minnesota, Jan. 23, 2024 – The C6675 control cabinet Industrial PC (IPC) from Beckhoff supports growing requirements for adaptive manufacturing, machine learning (ML) and other transformational applications. Building on proven Beckhoff technologies, the new IPC meets these demands through its robust ATX motherboard and high-performance GPU cards.

With properties typical of an industrial server, the C6675 consolidates numerous complex automation tasks previously handled by separate controllers into one high-powered device. The new control cabinet IPC is equipped with components of the highest performance class based on latest-generation Intel® Celeron®, Pentium® or Core™ i3/i5/i7 platforms on an ATX motherboard designed and assembled by Beckhoff.

By leveraging the rugged housing, heat dissipation and power supply tech from the C6670 series, the new controller enables the use of additional high-performance graphics cards, among other benefits. This makes it possible to implement even computationally intensive ML or machine vision applications in industrial environments.

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

[C6675 control cabinet IPC](#)

Link to high-res photo:

https://download.beckhoff.com/download/press/2024/NorthAmerica/Beckhoff_C6675_IPC_images.zip

Press picture:



Picture caption:

The C6675 control cabinet Industrial PC can accommodate a GPU accelerator card for computationally intensive applications. (© Beckhoff, 2023)

At Beckhoff, automation is our calling. We empower engineers to differentiate and succeed as industry leaders – to harness new technologies, embrace open standards and solve the world's most complex problems. Founded and led by engineers, we organically create advanced controls, communication, IoT and motion technologies that become unique tools for your one-of-a-kind challenges in an age of digital transformation. As a global partner with U.S. headquarters in Minneapolis, we remain committed to sustainability, inclusivity and support for the people behind the automation. So whether you're powering the EV revolution, dazzling on Broadway, launching satellites or harnessing the wind – you can reach new heights for your business, industry and humankind.

#

**Please send questions regarding “Beckhoff C6675 control cabinet IPC”
to:**

Beckhoff Automation LLC
13130 Dakota Ave
Savage, MN 55378
Toll-free: 1-877-TwinCAT
Local: 952-890-0000
Fax: 952-890-2888
Email: beckhoff.usa@beckhoff.com
www.beckhoff.com | [LinkedIn](#)

[Unsubscribe](#) from Beckhoff News