



# IPC SOLUTIONS.

## Your individual tailored and optimum IPC solution.

BRUNNER supports customers and partners with developing and producing individual IPC solutions that are perfectly tailored to support the customers total system environment and processes. As an element of our Professional Services offering, we perform a detailed requirements analysis for each IPC operational environment and demand. In close consultation with our customers, we evaluate available technologies and solutions, incorporate them to the meaningful maximum, and add our own designs and development efforts if needed. As a result, all our IPC solution are individually configured and tailored to our customer's operational environment and system. Utilizing Windows 10 IOT Enterprise allows us to easily adress and answer the specific demands for networked digital application on industry 4.0/ Smart Factory.

Individual BRUNNER IPC solutions provide features and characteristics that are not offered by regular IPC solutions on the market. This includes interfaces like real-time EtherCAT® and fail-save-concepts which guarantee the saving of application data in case of unexpected system states or shutdown.

Our Professional Services team put's highest attention to the Man-Machine-Interaction that takes place via the customized IPC. We design and build individual ergonomic graphical user interfaces that are most easy to handle and self-explanatory. We use Soft-PLC solutions like TwinCAT or CODESYS to realize reliable, real-time and complex IPC solutions that support our customer's processes to the maximum.



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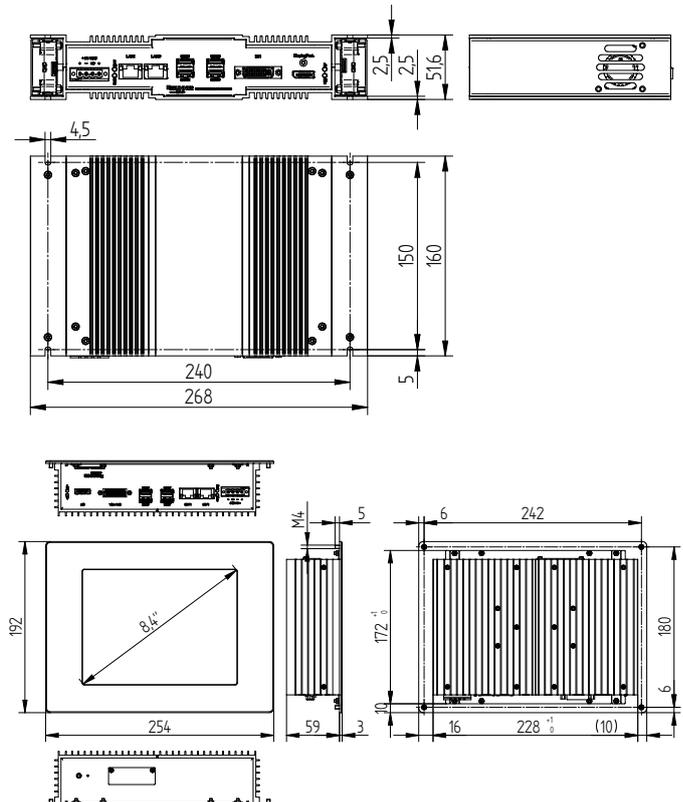
## Features.

- Customer specific solution with scalable performance, connectivity, size and design
- Latest and powerful computing power and IPC technologies up to Intel® Core™ i7
- COM Express® technology permits scalable CPU power and fast integration for a wide range of industrial applications
- Small footprint, highest integration level, best suitable for space-critical installations
- Real Time EtherCAT® interface
- Customer specific Operating system (up to Windows 10 IOT Enterprise or Linux)
- CODESYS IEC-61131 or TwinCAT Soft-PLC as EtherCAT® master for time critical and complex real-time application.
- Integrated Fail-Safe Circuit allows storing of application data during a power fail event
- Robust, reliable and High-Quality design
- Long-term availability
- Swiss Made
- 2 Years Warranty

## Specification. (typical)

<b>Chipset</b>	Intel® Atom™ E3815 up to 5th Generation Intel® Core™ i7 with QM87
<b>DRAM</b>	up to 16 GB ECC DDR3L
<b>Hard Disk</b>	1x SATA / 1x CF Card
<b>USB 3.0</b>	multiple
<b>Ethernet</b>	multiple, 10/100/1000 Mbit/s
<b>Power Supply</b>	24 VDC (10 - 60 W), processor-dependending
<b>Cooling</b>	passive or active
<b>Touch Display</b>	Application specific, projected capacitive or resistive
<b>Case</b>	Application specific e.g. alloy housing and stainless steel panel

## Dimensions.



EtherCAT® is registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany.