********Compact and fan-less quad-core box PC**

The new Basicline 2000 box PCs from Phoenix Contact for use in harsh industrial environments now offer powerful 3rd generation quad-core processors (Bay Trail) a fanless housing.

The devices can perform control and communication tasks and collect data in the areas of machine building and systems manufacturing, building automation, traffic technology, and energy data transmission. The box PCs are also designed for maintenance-free, continuous 24-hour operation, even where there are high temperature, vibration, shock, and EMC requirements.

The box PC uses the powerful quad-core Intel® Celeron™ N2930 processor (max. 2.16 GHz) from the Bay Trail generation with integrated Intel HD graphics processor. It can be used for a wide range of applications thanks to its numerous interfaces, which include 4 x USB, 2 x DisplayPort, and 3 x COM. 2 x Gigabit Ethernet are also available, as is CFast, HDD or SSD mass storage. The RAM can be expanded by up to 8 GB DDR3.

With a thermal design power (TDP) of 7.5 W, the box PC is particularly energy efficient. It is also designed for a temperature range of 0°C to +50°C and an input voltage of 24 V DC (+/-20%). Its compact design measuring 162 x 145 x 49 mm means it can be mounted directly on the DIN rail, thereby enabling it to be easily combined with other components from the Phoenix Contact product range to create a customer-focused system solution.

Ends

October 2014

**PR4692GB**

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