

# Bicker Elektronik Newsletter August 2024

**NEW!**

**INDUSTRIAL PC  
HIGH POWER**



**ATX 500W**

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■ Industrial PC Power Supplies

### **IPC PSU with powerful +12V rail**

Durable 24/7 power supply meets requirements of latest motherboard and processor generation

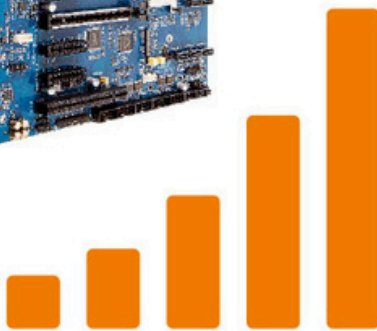
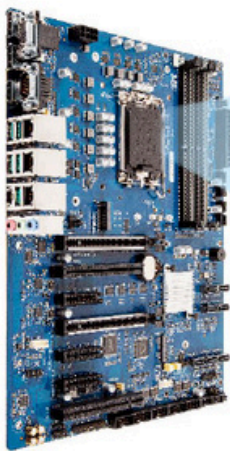
The new BEA-551K is ideally suited for the stable power supply of motherboards with the latest generation Intel® Core™ processors in high-performance industrial PC systems. These CPUs exhibit a highly dynamic power consumption with sometimes extreme power surges within a very short time. Thanks to a powerful +12V single rail with 36A, the switch-mode power supply is optimally designed for the new power requirement profiles of modern processors.

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INDUSTRIAL PC POWER SUPPLY

**BEA-551K**



**+12V / 36A**  
SINGLE RAIL POWER

The particularly robust and high-quality BEA-551K is ideally suited for operation in demanding industrial environments under extreme conditions. In addition to the extended temperature range of  $-10...+70^{\circ}\text{C}$ , the energy-saving IPC PSU is characterised by a consistently high efficiency of up to 92.5% as well as increased immunity to interference.

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Die outstanding quality of the BEA-551K results from the consistent use of premium components and the continuous optimisation of our power supply solutions in terms of efficiency and resilience. For example, Japanese brand capacitors of the +105°C quality class contribute to a significant lifetime extension.

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The new BEA-551K is the perfect choice for all application areas where high-performance ATX computer systems are required to operate reliably in 24/7 continuous operation, even under increased electrical interference, for many years. The industrial PC power supply ensures maximum operational safety for your systems, equipment and machinery.

### Your advantages at a glance

- ✓ 500W Industrial PC Power Supply
- ✓ Very high 36A current output on +12V rail
- ✓ Safe power supply for the latest processors
  - ✓ High efficiency up to 92.5%
  - ✓ No minimum load required
- ✓ EN/UL 62368-1 / CCC certified
- ✓ Ball-bearing fan with temperature control and tachometer signal for monitoring
  - ✓ Increased interference resistance
- ✓ Wide temperature range -10...+70°C
  - ✓ High quality and reliability
  - ✓ 3 years warranty

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