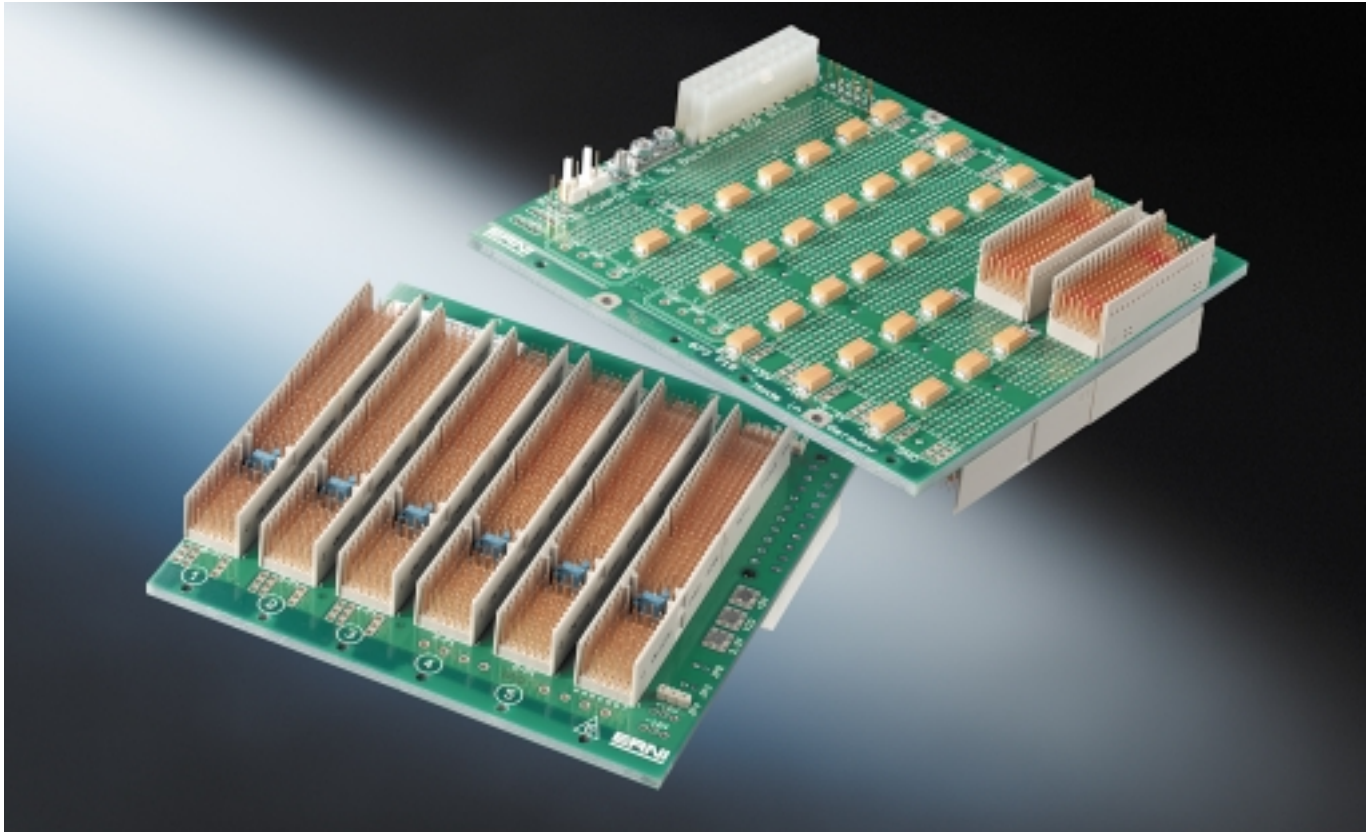


## 3 U CompactPCI Backplane with 6 Slots

State of the art design for a wide range of applications



### General Description

This standard backplane is member of the ERNI backplane family for use in Compact PCI computer systems. Its high-performance features make it ideally suited for telecom, data-com, and industrial applications like CNCs, robotic controls, and video image processing.

ERNI develops and manufactures backplanes according to ISO 9001 at three productions sites around the world.

Custom and semi-custom designs based on our standard backplanes are possible in various configurations.

**Part No: 073918**

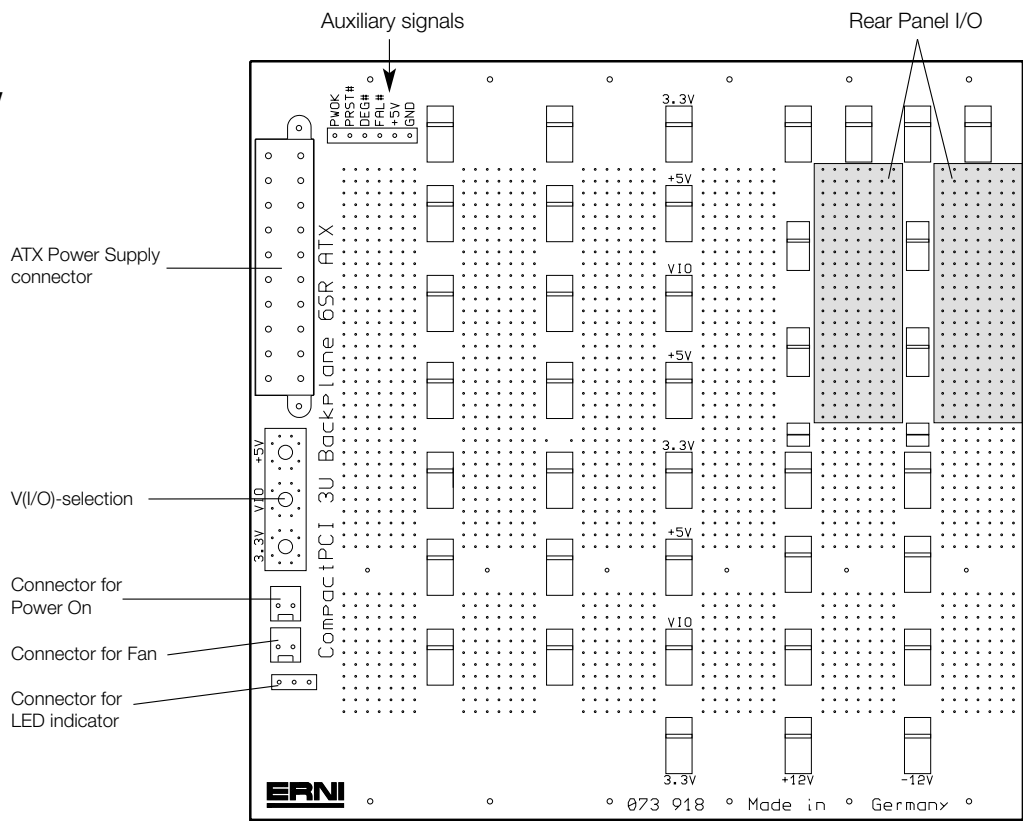
### Features

- Form factor 3 U  
Dimension (WxH): 131.1 mm x 128.7 mm

- 6 slots, 5 peripheral slots; system slot on right side
- Operates at 33 MHz clock frequency
- 4 slots full 64-bit implementation, 2 slots 32-bit implementation
- Rear I/O via P2 of physical slots 1 and 2
- AB-shrouds with guides for safe mating of rear I/O transition modules
- Controlled impedance of 65 Ohm realized by stripline-technology
- Hot-swap features according to PICMG 2.0 R3.0 and PICMG 2.1 R1.0
- Best decoupling of supply voltages
- High-quality design with best EMC-characteristics by fully shielded 10-layer PCB
- Flexible grounding to chassis by fixing screws
- Connectors according to IEC 61076-4-101 and PICMG 2.0 R3.0
- V(I/O) selectable by jumper element: 3.3 V or 5 V
- 1 connector for fan with 12 V supply
- ATX connector for Power supply
- Auxilliary signals accessible via headers

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**Rear view**



**Front view**

