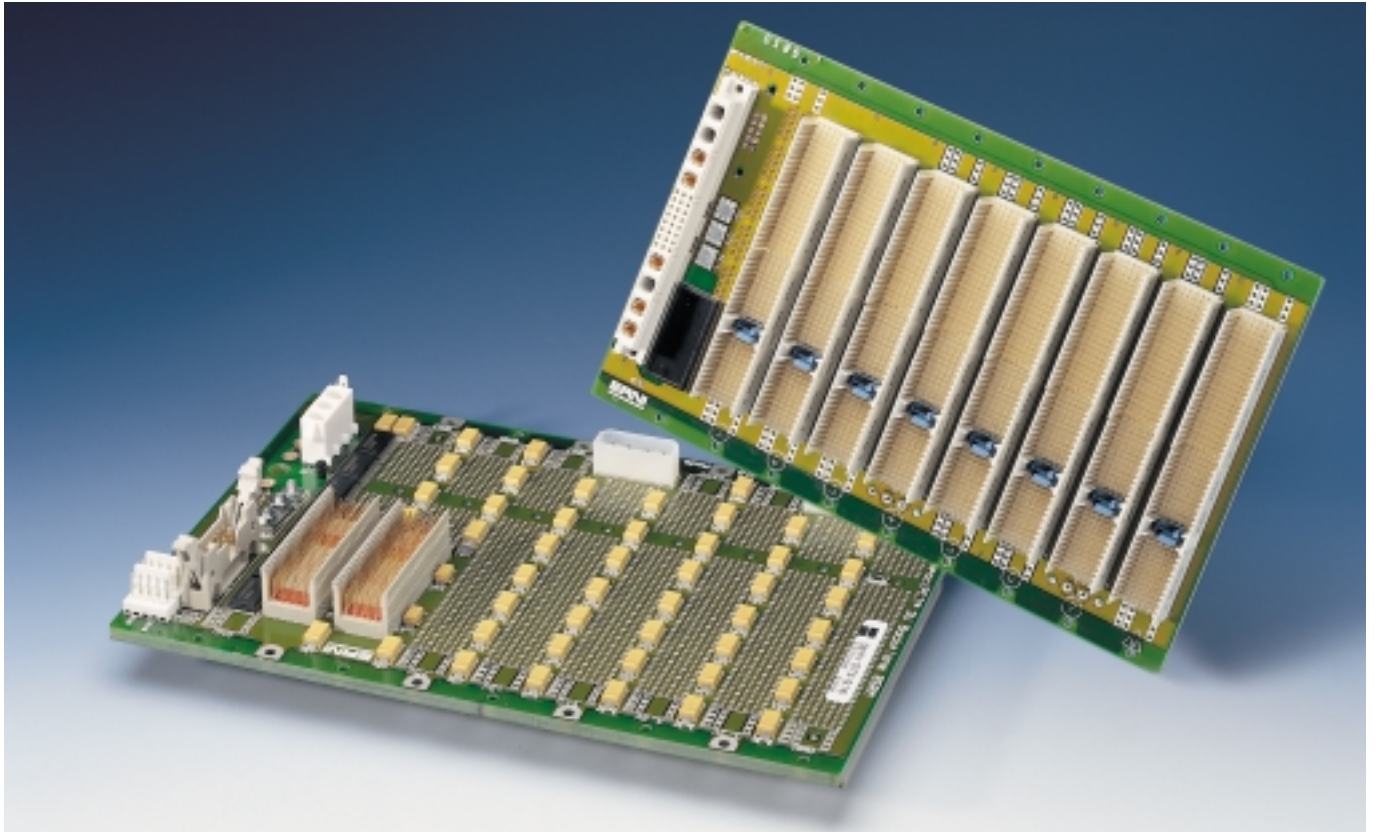


3 U Compact PCI Backplane with 8 Slots

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: 073916

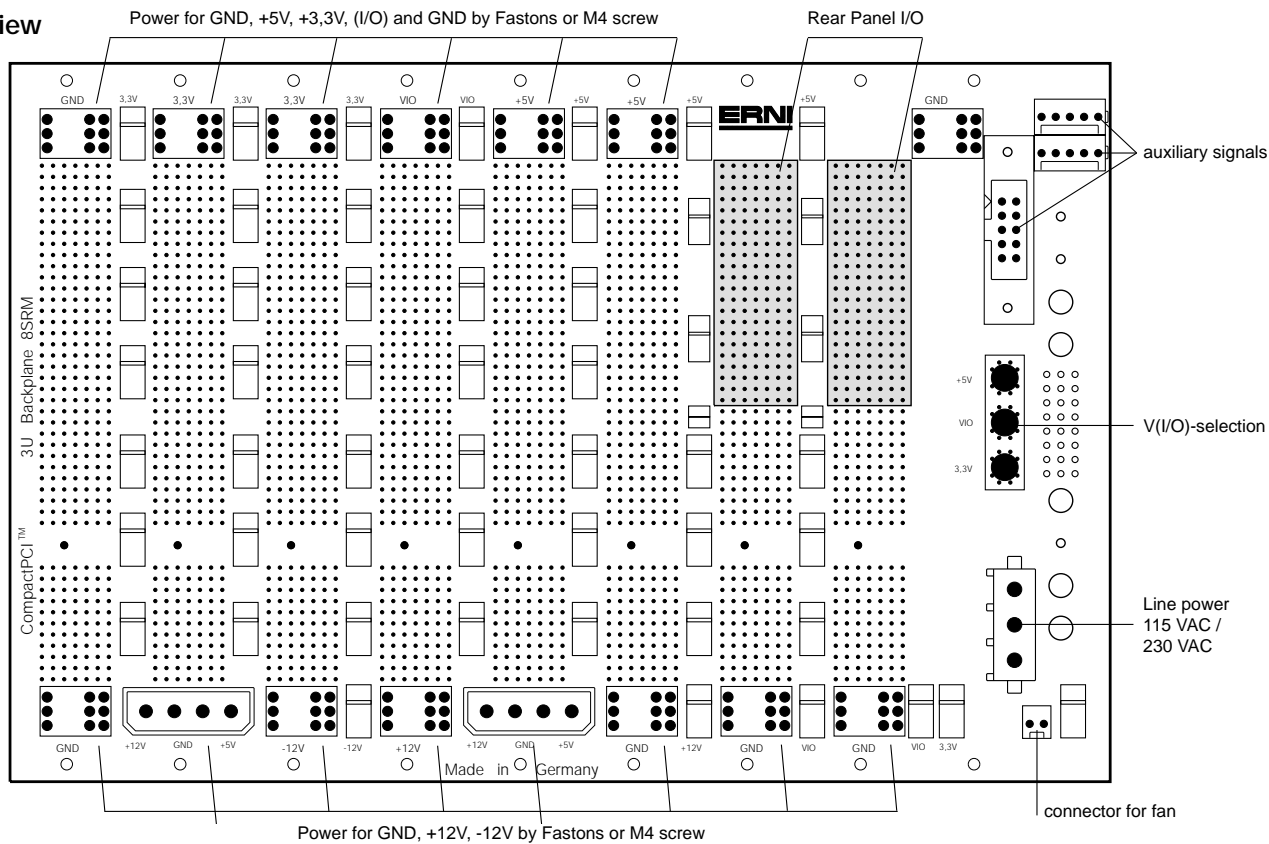
Features

- Form factor 3 U
Dimension (WxH): 197.1 mm x 128.7 mm
- 8 slots, 7 peripheral slots; system slot on right side

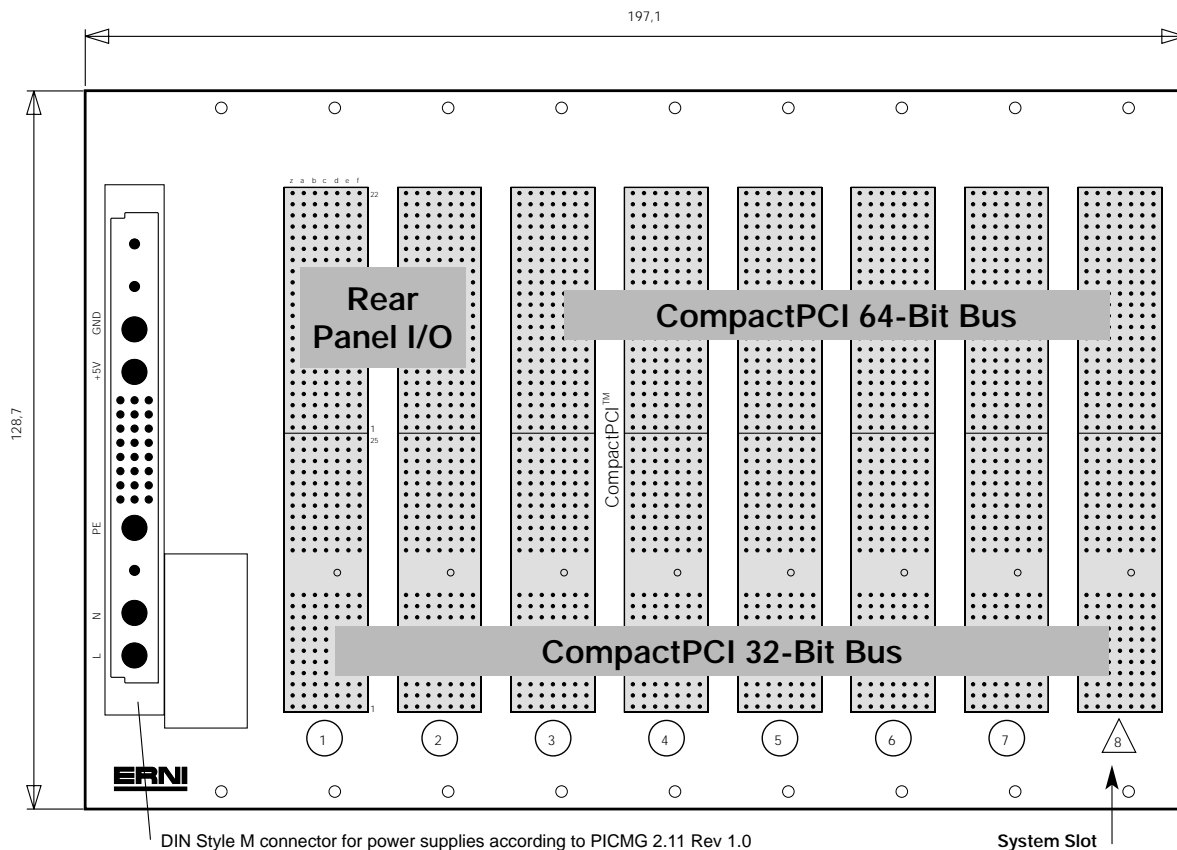
- PCI signal termination according to PICMG 2.0
- Operates at 33 MHz clock frequency
- 6 slots full 64-bit implementation, 2 slots 32-bit implementation
- Rear I/O via P2 of physical slots 1 and 2
- AB-shrouds with guides for safe mating of rear I/O transition modules
- Controlled impedance of 65 Ohm realized by stripline-technology
- 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
- V(I/O) selectable by jumper element: 3.3 V or 5 V
- 1 connector for fans with 12 V supply
- 2 connectors for drives with 5 V/12 V supply
- Power supply options:
DIN style M connector according to PICMG 2.11 R1.0
optional connection via Faston or M4-screw
- Auxilliary signals accessible via headers
- Secure separation between hazardous voltages in mains supply and SELV circuit according to IEC 950

www.ERNI.com/contact/

Rear view



Front view



Printed in Germany · Subject to modification without prior notice.