

FEATURES

- Compliant with
 - PICMG 2.0 R3.0 CPCI Core Specification
 - PICMG 2.1 R2.0 Hot Swap Specification
 - PICMG 2.9 R1.0 System Management Specification
- System slot right or left
- Modular power system
 - 2 to 3 slots powered via:
 - Fastons
 - ATX cable
 - 4 to 8 slots powered via:
 - ATX cable
 - M3 power bolts (cable lugs, washer and nuts enclosed)
 - Positronic P47 (pass through contacts enclosed)
 - DIN 41612 type M (pass through contacts enclosed)
- Shrouds: P2 (only for 32 bit Backplanes)
- 2 slot 8-layer construction; 3-8 slots 10-layer construction
- Number of slots: 2-8
- 10-21 slots available with cPCI to cPCI Bridge
- Virtually zero crosstalk
- Fastons for supplying HDD and fans
- Decoupling of the DC voltages far beyond 1 GHz (act as EMI-filter)
- Hot swap capability
- PCB height 128.7 mm, PCB thickness 3.2 mm
- Connector for status signals „FCON“
 - Part number of mating connector including 1.0 m cable, open end: 008-083
- Service life (MTBF according to MIL-HDBK 217F):
 - 4 Slot 930.000 h; 8 Slot 470.000 h



ORDER CODE

			8	0	9		2	-				-	6			0
Option	Code & Description	Note														
System Slot	3 - left side 4 - right side															
Clock frequency	0 - 33 MHz, V(I/O) +5V (coding key brilliant blue) 3 - 33 MHz, V(I/O) +3,3V (coding key yellow) 6 - 66 MHz, V(I/O) +3,3V (coding key yellow)															
Number of Slots	02 to 08															
Bridge	6 - without bridge															
Power Connection	6 - Fastons 8 - Power Bolts 9 - DIN 41612 Type M Connector H - ATX cable J - Positronic P47	2-3 Slot 4-8 Slot 4-8 Slot 2-8 Slot 4-8 Slot														
BUS width	0 - 64 Bit 1 - 32 Bit															
Contact plating	0 - Power inputs tinned IEC Pins gold-plated calss 2															