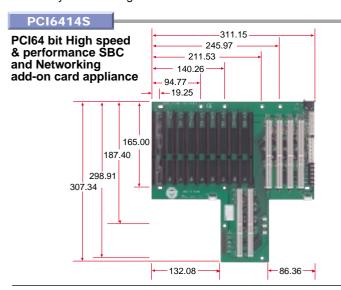# PCI-64 64-bit PCI Backplane

Why do you need PCI 64bit Backplane?

The convergence of voice, video and data traffic, the need for secure communications and the exploding demand for high-speed network access are placing communication infrastructure vendors under extreme demand for faster, well-managed bandwidth capable of integrating with their existing technology. ICP's PCI-64bit Backplane enables user to build standard-based network equipment, scalable to multi-Gigahertz speed ad beyond and also integrates easily and effectively with existing infrastructure.

PCI6414S

PCI64 bit High speed & performance SBC and Networking add-on card appliance

Chassis Support

RACK3000	MPC6022A
RACK3100	MPC6010A
RACK814	RACK305
EC1040	RACK360

Features:
- Support 64bit/66MHz x2 or 64bit/33MHz x4 slots for Gigabit LAN or SCSI Add-on card
- Support ISA add-on x9 for AD card
- Support ATX, AT power supply and DC-in
- Provide 2-x PICMG slot for SBC card setup choice
- Provide 2x FAN connectors for system setup
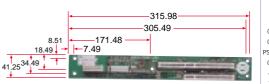- Provide Voltage detect LED
- Provide ISA Bus Terminal resistor

Specifications:
- CPU slots: x2 PICMG I/F
- PCI64 bit slots: x4 (3.3V/5V tolerance)
- ISA slots: x9
- Power connector: AT (P8/P9), ATX (20pin),
- Terminator Block (+-5V/+-12V/GND)
- KB connector: 1x AT

PCI642SD

Chassis Support

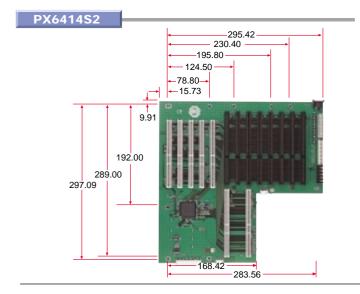|	
EC1010-BID	RACK2300
EC1015	RACK2320
	RACK2330

Specifications:
- PCI 64bit x 1 / PCI 32bit x 1
- PICMG SBC Slot x 1
- Support 1 x 64bit/33MHz or 1 x 64bit/66MHz + 1 x 32bit/33MHz add-on card or 2 x 32bit/33MHz add-on card
- System FAN connector x 1
- Support AT power supply 16-pin connector

PX6414S2

Chassis Support

RACK3000
RACK3100
EC1040

Features:
- Support 64bit/66MHz slot x2 or 64bit/33MHz x5 slots for Gigabit LAN or SCSI Add-on card
- Support ISA add-on slot x7 max. up t o for AD card
- Support ATX, AT power supply and DC-in
- Provide 2-x PICMG slot for SBC card setup choice
- Provide 2x FAN connectors for system setup
- Provide Voltage detect LED
- Provide ISA Bus Terminal resistor

Specifications:
- CPU slots: x2 PICMG I/F (ISA + 64bit PCI)
- PCI64 bit slots: x5 (3.3V/5V tolerance)
- ISA slots: x7
- Power connector: AT (P8/P9), ATX (20pin), Terminator Block (+-5V/+-12V/GND)
- KB: 1x External AT connector