

PCI-7110P3S6 Half-size PCI Backplane: 10-slot BP for 10-slot Chassis, 1 PCI SBC slot, 6 ISA, 3 PCI Startup Manual

Packing List

Before you begin installing your card, please make sure that the following items have been shipped:

- PCI-7110P3S6 backplane board
- PCI-7110P3S6 Startup Manual
- M4*6*0.7 Round Screws (10 pcs) p/n: 1939000410
- 2 Year Quality Warranty card p/n: 2190000902

If any of these items are missing or damaged, please contact your distributor or sales representative immediately.

Specifications

Standard Functions

- SBC slot:
PCI-7110P3S6 supports half-size CPU board
- ISA slots:
Six ISA slots
- PCI slots:
Three PCI slots

Mechanical and Environmental

- Dimensions (L x W): 185 x 240 mm (7.28" x 9.45")
- Power supply voltage: +12 V, +5 V, -12 V, +3.3 V, +5V SBY
- Power requirements: Refer to the CPU Board, add-on Card & Peripherals
- Operating temperature: 0 ~ 60° C (depending on CPU)
- Weight: 0.385 kg (0.85 lbs.) (weight of board)

For more information on this and other Advantech products, please visit our website at:

<http://www.advantech.com>

<http://www.advantech.com/epc>

For technical support and service, please visit our support website at:

<http://www.advantech.com/support>

This manual is for the PCI-7110P3S6 series Rev. A1.

Part No. 200K711000

1st Edition,
Nov 2009

Connectors and Jumpers

The table below lists the function of each of the connectors and jumpers.

Connectors	
Label	Function
SBC1	PCI half-size CPU card Connector
ISA1~ISA6	ISA slots
PPCI1~PPCI3	32 Bit / 33 MHZ PCI Bus slot
EATXPWR1	ATX2.0 24-pin Power Connector
ATX12V1	ATX 12V Connector
PWR1	ATX auxiliary 4-pin Power Connector
VOLT1	Alarm board/CMM Power Connector
FAN1~FAN3	FAN Connector

Connector Pin Definition

FAN1	
Pin	Name
1	GND
2	+ 12 V
3	FANIO1

FAN2 ~ FAN3	
Pin	Name
1	GND
2	+ 12 V
3	NC

PWR1	
Pin	Name
1	+12 V
2	GND
3	GND
4	+5 V

EATXPWR1	
Pin	Name
1	+3.3 V
2	+3.3 V
3	GND
4	+5 V
5	GND
6	+5 V
7	GND
8	POK
9	+5 V SBY
10	+12 V
11	+12 V
12	+3.3 V
13	+3.3 V
14	-12 V
15	GND
16	PSON#
17	GND
18	GND
19	GND
20	-5 V
21	+5 V
22	+5 V
23	+5 V
24	GND

VOLT1	
Pin	Name
1	+5 V SBY
2	GND
3	GND
4	-5 V
5	+5 V
6	+3.3 V
7	-12 V
8	+12 V

ATX12V1	
Pin	Name
1	GND
2	GND
3	+12 V
4	+12 V

Locating Connectors and Jumpers

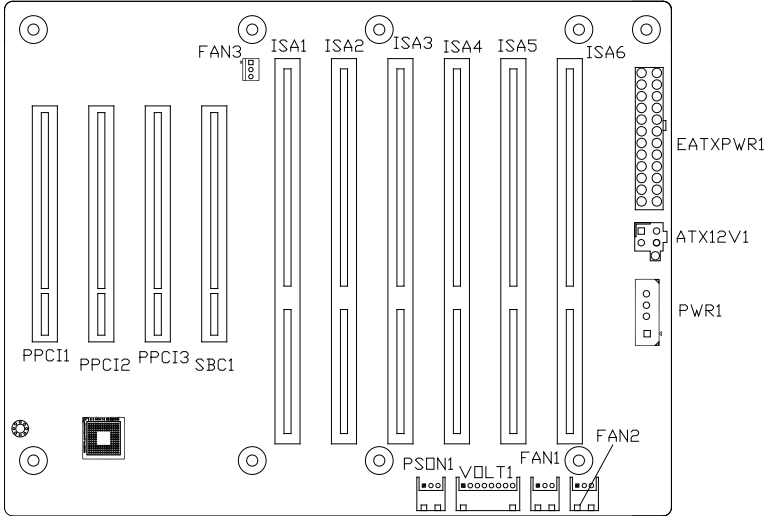


Figure1: Board Layout: Jumper and Connector Locations

Board Dimensions

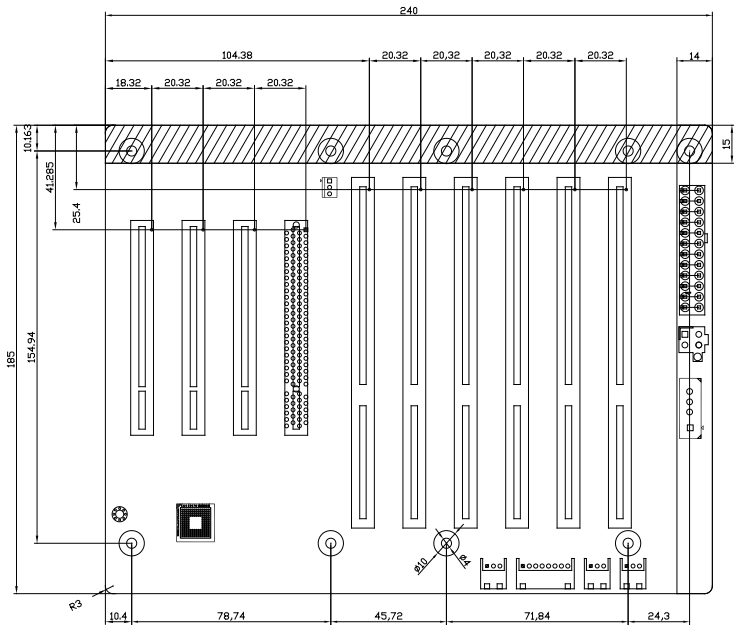


Figure2: Board Dimensions

PCI Routing Tables

PCI 32-bit		PCI Interrupt Pin Route						
PCI slot	IDSEL	INTA	INTB	INTC	INTD	CLOCK	REQ	GNT
PPCI1	AD31	INTB	INTC	INTD	INTA	CLKA	REQA#	GNTA#
PPCI2	AD30	INTC	INTD	INTA	INTB	CLKB	REQB#	GNTB#
PPCI3	AD29	INTD	INTA	INTB	INTC	CLKC	REQC#	GNTC#
ITE 8888G	AD22	NA	NA	NA	NA	CLKD	REQD#	GNTD#

Board Diagram

