PCM-10560-5

PCI/ISA riser card. 3-slot. For PCM-6898, PCM-4897/4898, MB-562D/662/668

Notice:

This guide is designed for experienced users to setup the system within the shortest time. For detailed information, please always refer to the electronic user's manual.

Safety Precautions

Warning! *Always completely disconnect the power cord from your chassis whenever you work with the hardware. Do not make connections while the power is on. Sensitive electronic components can be damaged by sudden power surges. Only experienced electronics personnel should open the PC chassis.*

Caution! *Always ground yourself to remove any static charge before touching the CPU card. Modern electronic devices are very sensitive to static electric charges. As a safety precaution, use a grounding wrist strap at all times. Place all electronic components in a static-dissipative surface or static-shielded bag when they are not in the chassis.*

Quick Installation Guide

Part no. 2007105608 2nd Ed. Printed in Taiwan Feb. 2002

Notice Notice

Dear Customer,

Thank you for purchasing the PCM-10560-5 riser card. This Quick Installation Guide is designed to help you to get the most out of the PCM-10560-5, please read it thoroughly before you install and use the card. The product that you have purchased comes with an two-year limited warranty, but AAEON will not be responsible for misuse of the product. Therefore, we strongly urge you to first read the quick installation guide before using the product.

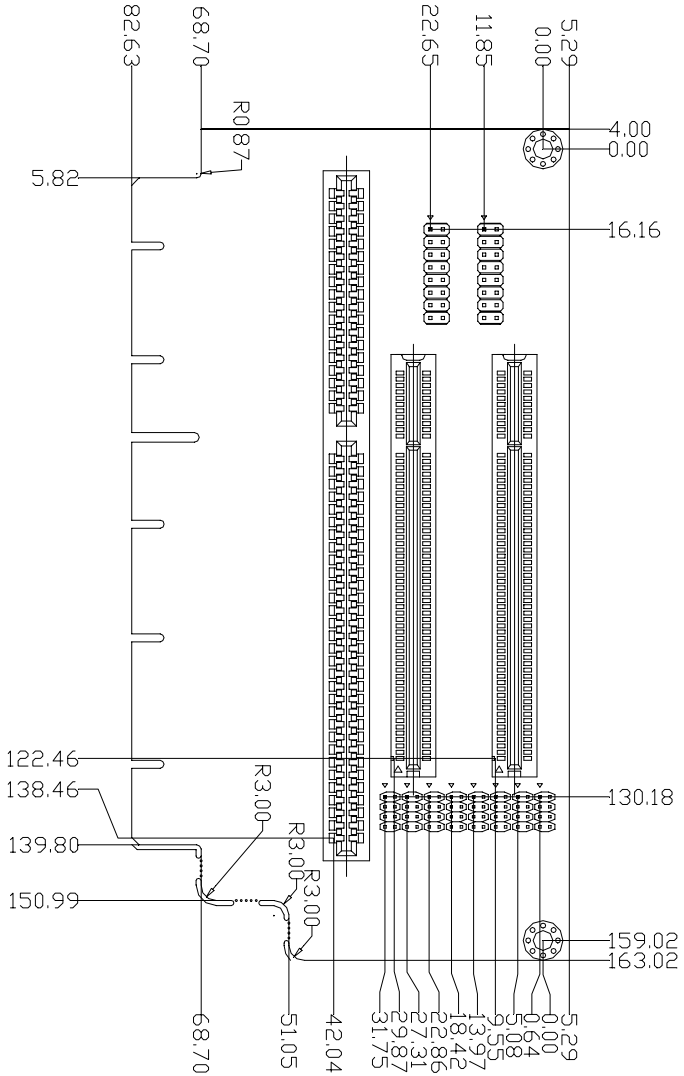
To receive the latest version of the user manual, please visit our Web site at:

Http:\\WWW.AAEON.COM.TW

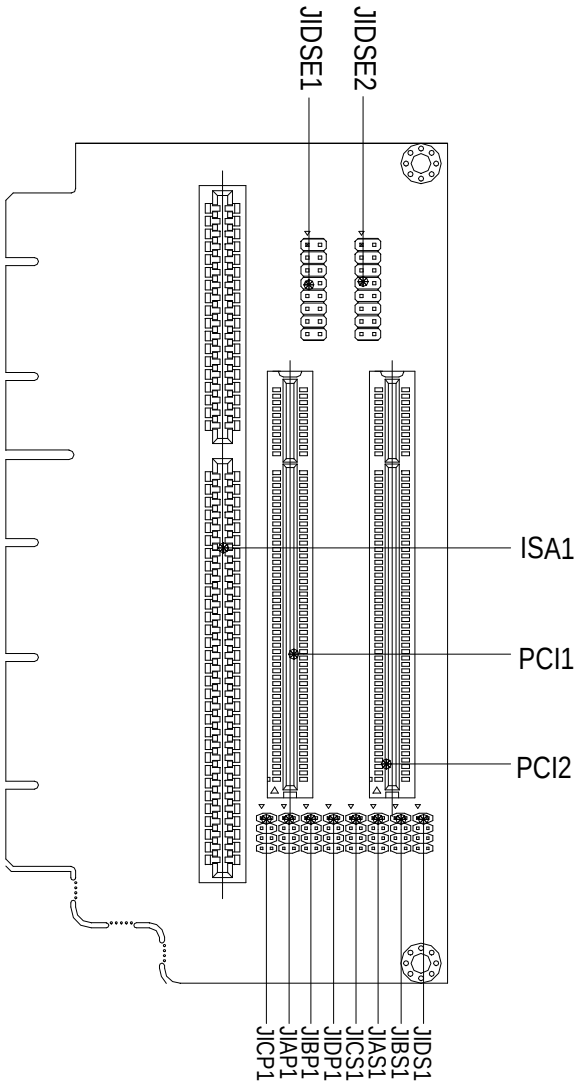
Notice Notice

1. Due to the different standards in the industry, PCM-10560-5 is a PISA interface riser card that was designed exclusively for working with AAEON's products.
2. Before you install the product, please refer to the "Jumper Setting" section of this Quick Installation Guide, and to ensure the on board jumper setting is correct to work with your SBC to prevent hardware damage.
3. PCM-10560-5 offers 2 PCI interface slots and 1 ISA interface slot.
   - When working with PCM-6898 and MB-562D, all of the PCI and ISA slots will be usable.
   - When working with PCM-4898, MB-662, MB-668, only PCI-2 and ISA will be usable.
   - When working with PCM-4897, only PCI-2 will be usable.
4. When PCM-10560-5 is working with PCM-6898, PCM-4897,PCM-4898,MB-562D, MB-662, or MB-668, it does not support dual VGA cards. That means any external VGA card that was plugged into the riser card will not be functional properly.
5. We recommand not to install the add-on card to system if the function was onboard already, or problems may occur. For example, MB-668 has audio function onboard, therefore, please try not to install another audio card on PCM-10560-5.

PCM-10560-5 Dimensions

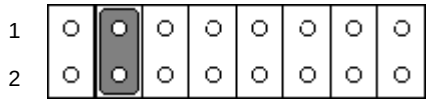


PCM-10560-5 Jumpers and Connectors

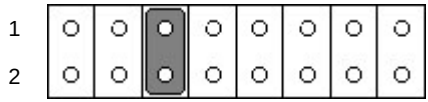


Jumper setting For PCM-6898

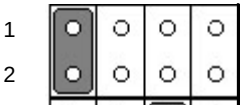
JIDSE1



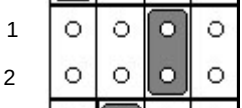
JIDSE2



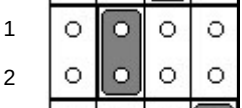
JIDS1



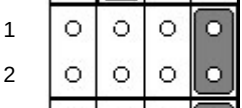
JIBS1



JIAS1

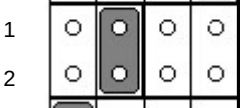


JICS1

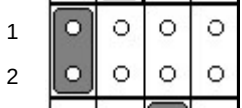


JIDP1

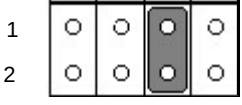
JIBP1



JIAP1

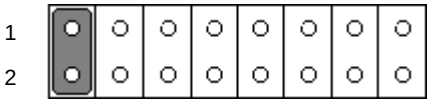


JICP1

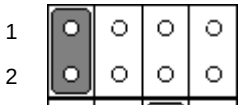


Jumper setting For PCM-4897

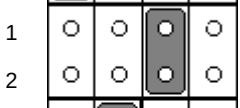
JIDSE2



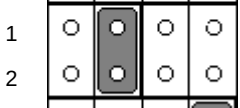
JIDS1



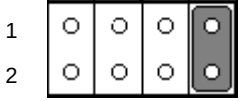
JIBS1



JIAS1

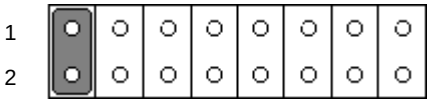


JICS1

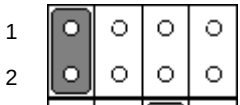


Jumper setting For PCM-4898

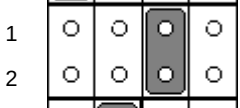
JIDSE2



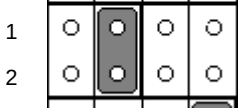
JIDS1



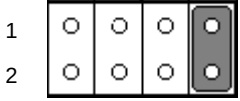
JIBS1



JIAS1

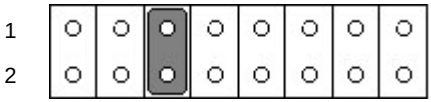


JICS1

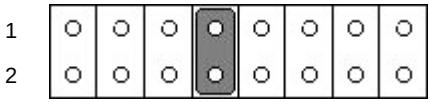


Jumper setting For MB-562D

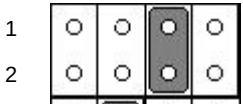
JIDSE1



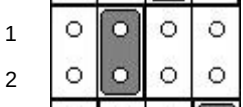
JIDSE2



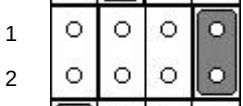
JIDS1



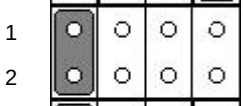
JIBS1



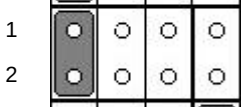
JIAS1



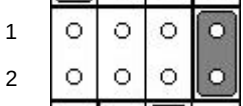
JICS1



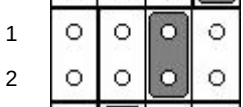
JIDP1



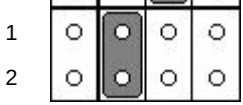
JIBP1



JIAP1

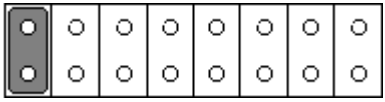


JICP1



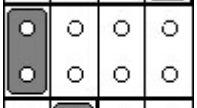
Jumper setting For MB-668

JIDSE2

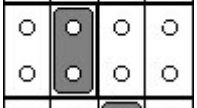


JIDS1

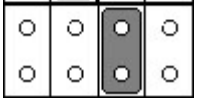
JIBS1



JIAS1

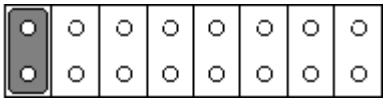


JICS1

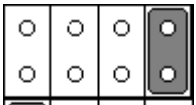


Jumper setting For MB-662

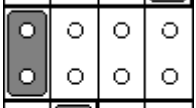
JIDSE2



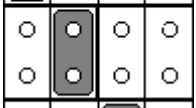
JIDS1



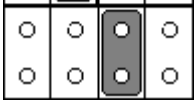
JIBS1



JIAS1



JICS1



PISA Interface Pin Definition

PIN	SIGNAL	PIN	SIGNAL
1	#IOCHCK	50	GND
2	SD7	51	RSTISA
3	SD6	52	VCC
4	SD5	53	IRQ9
5	SD4	54	-5V
6	SD3	55	DREQ2
7	SD2	56	-12V
8	SD1	57	#ZWS
9	SD0	58	+12V
10	IOCHRDY	59	GND
11	AEN	60	#SMEMW
12	SA19	61	#SMEMR
13	SA18	62	#IOW
14	SA17	63	#IOR
15	SA16	64	#DACK3
16	SA15	65	DREQ3
17	SA14	66	#DACK1
18	SA13	67	DREQ1
19	SA12	68	#REFRESH
20	SA11	69	SYSCLK
21	SA10	70	IRQ7
22	SA9	71	IRQ6
23	SA8	72	IRQ5
24	SA7	73	IRQ4

PISA Interface Pin Definition

PIN	SIGNAL	PIN	SIGNAL
25	SA6	74	IRQ3
26	SA5	75	#DACK2
27	SA4	76	TC
28	SA3	77	BALE
29	SA2	78	VCC
30	SA1	79	ISA OSC
31	SA0	80	GND
32	#SBHE	81	#MEMCS16
33	LA23	82	#IOCS16
34	LA22	83	IRQ10
35	LA21	84	IRQ11
36	LA20	85	IRQ12
37	LA19	86	IRQ15
38	LA18	87	IRQ14
39	LA17	88	#DACK0
40	#MEMR	89	DREQ0
41	#MEMW	90	#DACK5
42	SD8	91	DREQ5
43	SD9	92	#DACK6
44	SD10	93	DREQ6
45	SD11	94	#DACK7
46	SD12	95	DREQ7
47	SD13	96	VCC
48	SD14	97	#MASTER

PISA Interface Pin Definition

PIN	SIGNAL	PIN	SIGNAL
49	SD15	98	GND
99	GND	144	GND
100	GND	145	GND
101	# INTB	146	# INTC
102	# INTA	147	# INTD
103	VCC	148	VCC
104	VCC	149	VCC
105	#PCIRST	150	PISACLK0
106	#PGNT1	151	GND
107	#PREQ1	152	#PGNT0
108	GND	153	GND
109	PISACLK1	154	#PREQ0
110	GND	155	AD31
111	AD30	156	AD29
112	#PREQ2	157	N.C
113	#PGNT2	158	N.C
114	AD28	159	AD27
115	AD26	160	AD25
116	AD24	161	#C/BE3
117	AD22	162	AD23
118	AD20	163	AD21
119	AD18	164	AD19
120	N.C	165	N.C
121	N.C	166	N.C

PISA Interface Pin Definition

PIN	SIGNAL	PIN	SIGNAL
122	AD16	167	AD17
123	#FRAME	168	#IRDY
124	#C/BE2	169	#DEVSEL
125	#TRDY	170	#PLOCK
126	#STOP	171	#PERR
127	SDONE	172	#SERR
128	SBO-	173	AD15
129	#C/BE1	174	AD14
130	PAR	175	AD12
131	GND	176	GND
132	GND	177	GND
133	AD13	178	AD10
134	AD11	179	AD8
135	AD9	180	AD7
136	#C/BE0	181	AD5
137	AD6	182	AD3
138	AD4	183	AD1
139	AD2	184	AD0
140	VCC	185	VCC
141	N.C	186	VCC
142	N.C	187	GND
143	GND	188	GND

OZONE SAFE
RECYCLABLE