

SBC84710 Series Quick Installation Guide

I. Checklist

- ✓ SBC84710 Board x 1
- ✓ Quick Installation Guide x 1
- ✓ Product Information CD-ROM x 1
- ✓ 2-pin jumper cap, Pitch=2.54mm x 10
- ✓ 2-pin jumper cap, Pitch=2.0mm x 10
- ✓ COM+Printer extension cables with bracket, Pitch=2.0mm x 1
- ✓ 2COM extension cables with bracket, Pitch=1.27mm x 1
- ✓ ATX Power Cable 10P L=150mm
- ✓ Audio Cable x 1
- ✓ USB Cable x 1
- ✓ 2.5" & 3.5" HDD cable x 1

If there are damaged or missing parts, contact your supplier and/or dealer immediately. Do not attempt to apply power to the board if there is damage to any of its components.

II. Additional Information

User's Manual and other documents are in Acrobat PDF format. The Product Information CD contains the Adobe Acrobat 3.0 Reader installation software for user's convenience.

Please refer to the Product Information CD for the complete version of the User's Manual, drivers, and utilities for the SBC84710 Series CPU Card.

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III. Jumper Settings

Before turning on the power to the SBC84710 Series, please make sure that all jumpers are on their default settings as listed on the table below.

Jumper	Default Setting		Jumper Setting
JP3	Normal Operation/Clear CMOS setting Default: Normal Operation		Short 1-2
JP4	Compact Flash Voltage Selection Default: 5V		Short 1-2
JP6	LVDS Voltage Selection Default: 3.3V		Short 1-2
JP7	COM4 Mode Select	COM4 Pin 1: DCD	Short 7-9
		COM4 Pin 9: RI	Short 8-10
JP8	COM3 Mode Select	COM3 Pin 1: DCD	Short 7-9
		COM3 Pin 8: RI	Short 8-10
JP9	COM2 Mode Select	COM2 Pin 1: DCD	Short 7-9
		COM2 Pin 8: RI	Short 8-10
JP10	COM1 Mode Select	COM1 Pin 1: DCD	Short 7-9
		COM1 Pin 8: RI	Short 8-10
CN16	COM1 Mode Select Default: RS-232		Short 1-2
CN24	COM1 Mode Select Default: RS-232		Short 3-5,4-6
CN26	COM1 Mode Select Default: RS-232		Short 3-5,4-6
CN25	Audio Speak Out/Line Out Selection Default: Line Out		Short 1-3,2-4

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IV SBC84710 Connectors

Connectors	Label
HDD Activity LED Connector	CN1
System Reset Switch Connector	CN2
SATA Connector	CN3
Primary IDE Connector	CN4
Power Connector	CN5
+12V Only	CN6
2*10pin DIO	CN7
Mini PCI Slot	CN8
PC104-A	CN9
LVDS Backlight Connector	CN10
PC104-B	CN11
Printer Port Connector (LPT)	CN12
LVDS Connector	CN13
Audio Connector	CN14
COM2,COM4 Connector	CN15
COM3 Connector	CN17
Front Panel Connector (Buzzer)	CN18
Front Panel Connector (Power LED)	CN19
Power Button	CN20
CPU Fan Connector	CN21
USB2,USB3 Connector	CN23
USB0,USB1 Connector	CN27
COM1Connector	CN28
PS/2 Connector	CN29
VGA Connector	CN30
F.D.D Connector	CNS1

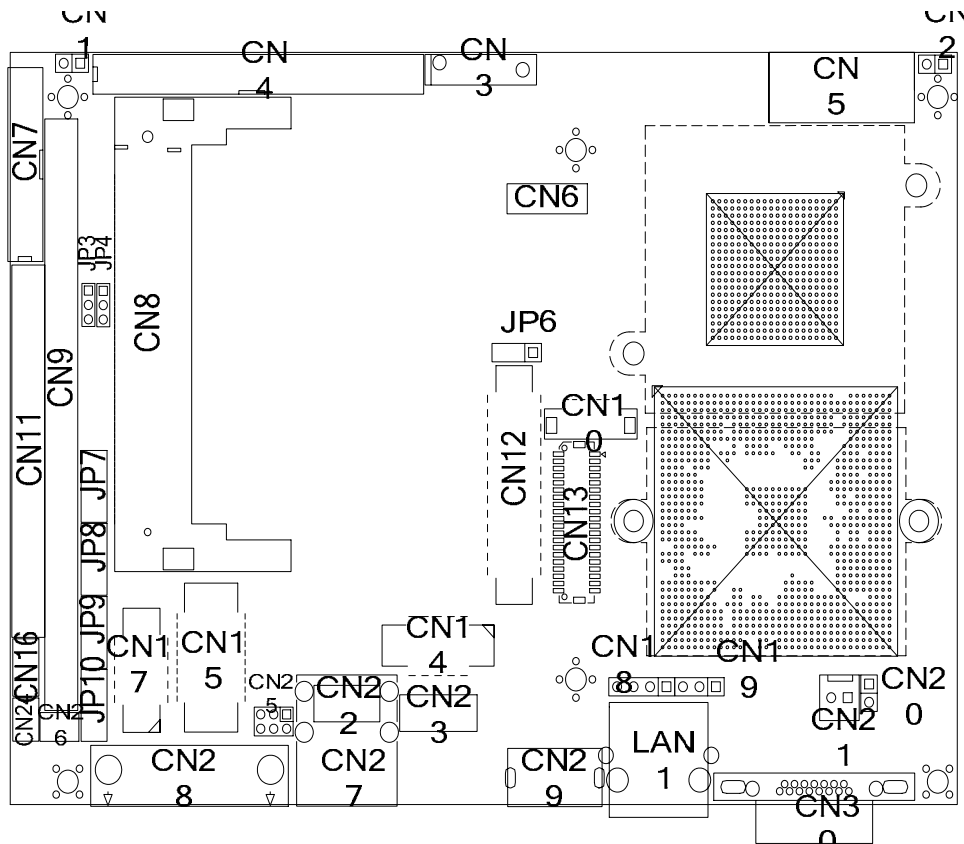
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Connectors	Label
DDR RAM Connector	CNS2
CF Connector	CNS3
Ethernet Connector	LAN1

V Board Layout



Component Side