SBC8161 Series Quick Installation Guide

I. Checklist

SBC8161 Socket 370 All-in-One CPU Card x 1

Quick Installation Guide x 1

Product Information CD-ROM x 1

SCSI driver diskette x 1
(SBC8161VES only)

3.5" FDD cable x1

3.5" Ultra DMA66 HDD cable x 1

PS/2 Keyboard/Mouse adapter x1

COM, Printer extension cables with bracket x1

68-pin Ultra2 Wide SCSI cable x 1
(SBC8161VES only)

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. Jumper Settings

Before turning on the power to the SBC8161 Series, please make sure that all jumpers are on their default settings as listed on the table below.

Jumper	Default Setting	Jumper Setting
JP1	-----	-----
JP2	-----	-----
JP3	-----	-----
JP4	-----	-----
JP5	Power Selection 3.3V of Flat Panel Connector (VDDM of CN2)	Short 2-3
JP6	-----	-----
JP7	Power Supply Type for AT Power Supply	Short 1-3, 2-4
JP8	-----	-----
JP9	-----	-----
JP10	CMOS Clear Jumper for Normal Mode	Short 1-2
JP11	PS/2 Mouse Function Enable Setting	Short 1-2
JP12	Watchdog Disable Mode Setting	Open
JP13	Reserved	open
JP14	DiskOnChip Memory Segment for DC000-DFFFF Setting	Short 7-8

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Jumper	Default Setting	Jumper Setting
JP15	-----	-----
JP16	Reserved	Short
JP17	COM2 RS232 Settings	Short 1-2, 7-8
JP18	COM2 RS232 Settings	Short 3-5, 4-6
JP19	COM2 RS232 Settings	Short 3-5, 4-6
JP20	-----	-----
JP21	-----	-----
JP22	-----	-----
JP23	-----	-----
JP24	-----	-----
JP25	-----	-----
JP26	Reserved	Open

III. Connectors

Connectors	Label	Connectors	Label
LCD-2 Connector	CN1	USB Connector	CN14
LCD Connector	CN2	Ethernet Connector (SBC8161VES/VE only)	CN15
General Output Connector	CN3	COM1 (SBC8161V & SBC8161 only)	CN16
External LAN Card Wake On LAN Conn.	CN4	VGA Connector	CN17
Primary IDE Connector	CN5	Keyboard and Mouse	CN18
Secondary IDE	CN6	PS/2 Mouse Connector	CN19
FDD Connector	CN7	PS/2 Keyboard Connector	CN20
50-pin Narrow SCSI (SBC8161VES only)	CN8	IR Connector	CN21
68-pin Ultra Wide SCSI (SBC8161VES only)	CN9	ACPI Connector	CN22

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Connectors	Label	Connectors	Label
68-pin Ultra2 Wide SCSI (SBC8161VES only)	CN10	Case Fan Connector	CN23
Printer Port Connector	CN11	CPU Fan Connector	CN24
COM2	CN12	DiskOnChip® Socket	U15
COM1 (SBC8161VES & VE only)	CN13	Ethernet Boot ROM Socket	U12

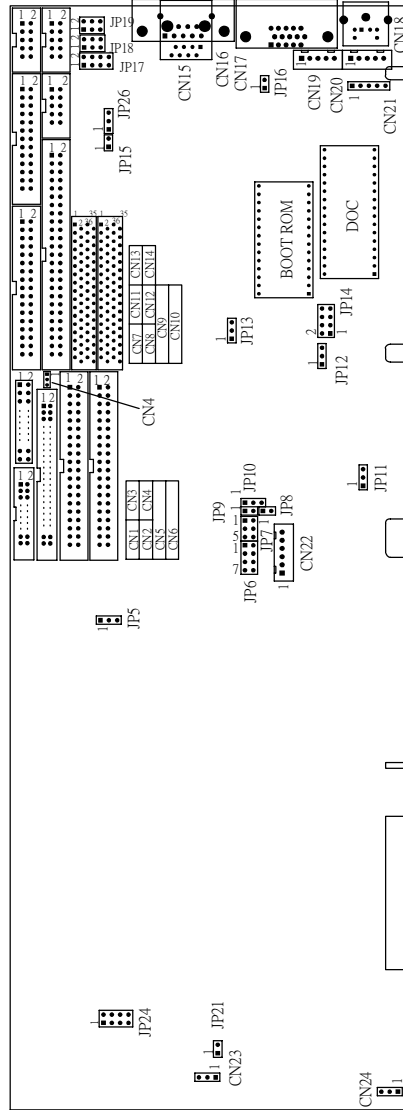## IV. SCSI Device Driver Installation

Exclusively for the SBC8161VES CPU card, there is a utility diskette containing the SCSI drivers for all operating systems supported by the onboard Adaptec SCSI chip. Please refer to the readme file(s) contained in the disk before installating any driver. These files will guide you through the step-by-step installtion procedure(s).

V. 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 SBC8161 Series CPU Card.

VI. Board Layout