

# SBC8166 Series Quick Installation Guide

## I. Checklist

- ✓ SBC8166 Socket370 Full-size CPU Card x 1
- ✓ Quick Installation Guide x 1
- ✓ Product Information CD-ROM x 1
- ✓ 3.5" FDD cable x1
- ✓ 3.5" HDD cable x 1
- ✓ COM and printer cable with connector bracket x 1
- ✓ PS/2 keyboard/mouse adapter x 1
- ✓ Ethernet driver diskette x 2

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 SBC8166 Series, please make sure that all jumpers are on their default settings as listed on the table below.**

Jumper	Default Setting	Jumper Setting
JP1	COM2 Function: RS-232/422/485 Selection RS-232	Short 1-2
JP2	COM2 Function: RS-232/422/485 Selection RS-232	Short 3-5, 4-6
JP3	COM2 Function: RS-232/422/485 Selection RS-232	Short 3-5, 4-6
JP4	Power Selection of Flat Panel Connector: 5V	Short 1-2
JP5	Onboard Ethernet Function Control: Enabled	Open
JP6	AT/ATX Power Supply Selection: AT power supply	Short 1-2, 4-5, 7-8, 10-11
JP7	DiskOnChip® Memory Segment: D000-D3FFF	Short 1-2
JP8	Watch-Dog Function: Disable	Open
JP9	Internal Keyboard/Mouse Power Select: System Power	Short 1-2
JP10	CPU Clock Selection: Auto	Open
JP12	CPU Vcore Power Selection: Auto	Open
CN10	General Output Connector Internal Buzzer Enabled	Short 2-4
CN21	Internal/External Battery Connector: Internal Battery Enabled	Short 2-3

Please refer to the Product Information CD for the complete version of the User's Manual, drivers, and utilities for the SBC8166 Series CPU Card.

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### III. Connectors

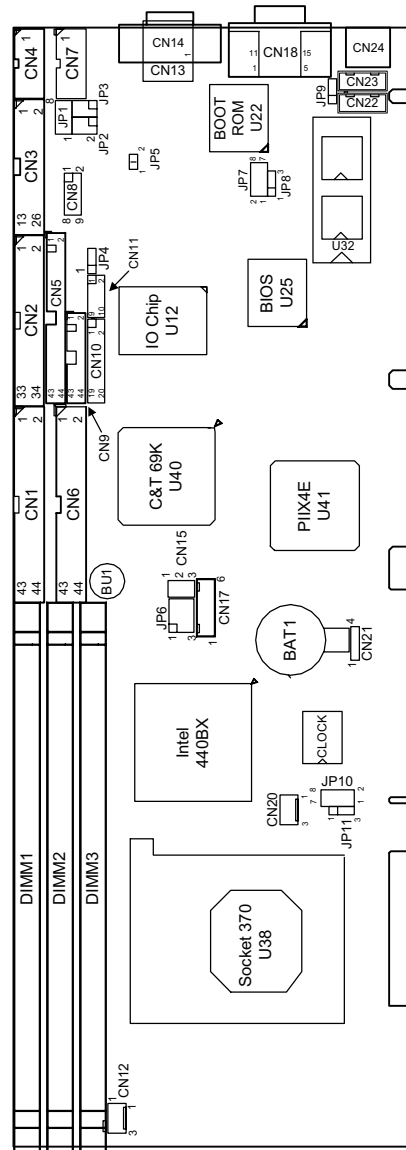
Connectors	Label	Connectors	Label
IDE1 Connector	CN1	COM1 DB9 Connector (SBC8166V & SBC8166 only)	CN14
FDD Connector	CN2	External LAN Card Wake On LAN Connector	CN15
LPT Connector	CN3	Reserved	CN16
COM1 Connector (SBC8166VE only)	CN4	ATX Control Connector	CN17
24 bit LCD Connector (SBC8166VE & V only)	CN5	VGA Connector	CN18
IDE2 Connector	CN6	Reserved	CN19
COM2 Connector	CN7	Fan Connector 1	CN20
USB Connector	CN8	Int./Ext. Battery Select	CN21
36 bit LCD Connector (SBC8166VE & V only)	CN9	External PS/2 Mouse	CN22
General Output Connector	CN10	External Keyboard	CN23
IrDA Connector	CN11	Keyboard and Mouse DIN	CN24
Fan Connector 2	CN12	LAN Boot ROM Socket	U22
RJ-45 LAN Connector (SBC8166VE only)	CN13	DiskOnChip® Socket	U32

### IV. 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.***

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## V. Board Layout



The complete version of the User's Manual, along with the drivers/utilities software programs are in the Product Information CD of the SBC8166 Series CPU Card Kit.

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**This page does not contain any information.**