

# SBC81872 Series Quick Installation Guide

## I. Checklist

- ✓ SBC81872 Pentium® M SBC All-in-One Board x 1
- ✓ Quick Installation Guide x 1
- ✓ Product Information CD-ROM x 1
- ✓ 3.5" FDD cable x 1
- ✓ 3.5" Ultra DMA66 HDD cable x 1
- ✓ 2-pin mini jumper caps x 8
- ✓ CPU Cooler x 1
- ✓ PS/2 Keyboard/Mouse adapter x1
- ✓ COM, Printer extension cables with bracket x1
- ✓ SATA cable X2
- ✓ SATA power cable x1

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.

The complete version of the User's Manual, along with the drivers/utilities software programs are in the Product Information CD of the SBC81872 Series CPU Card Kit.

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## II. Jumper Settings

Jumper	Definiens	Jumper setting
JP1	LCD voltage selection	Short 1-2 : 5V, Short 2-3 : 3.3V (Default)
JP2	Reserved	
JP3	Reserved	
JP4	Reserved	
JP5	Reserved	
JP6	Reserved	
JP7	Reserved	
JP8	Clear CMOS	Short 1-2 : Normal (Default) Short 2-3 : Clear CMOS
JP9	FSB selection	Short 1-3, 2-4 : Auto for <b>Dothan B stepping CPU (Default)</b>  Short 3-5 : 400MHZ for <b>Banias or Dothan A , Dothan B stepping CPU</b>  Short 3-5, 4-6 : 533MHZ <b>For Dothan A and B stepping CPU</b>
JP10	LAN1Ext. Link / Active LED	#1 : 3.3V #2 : ACT / Link
JP11	LAN2 Ext. Link / Active LED	#1 : 3.3V #2 : ACT / Link
JP12	LAN1 Ext. Speed LED	#1 : 100 #3 : 1000 #2 : 3.3V
JP13	LAN1 Ext. Speed LED	#1 : 100 #3 : 1000 #2 : 3.3V

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### III. Connectors

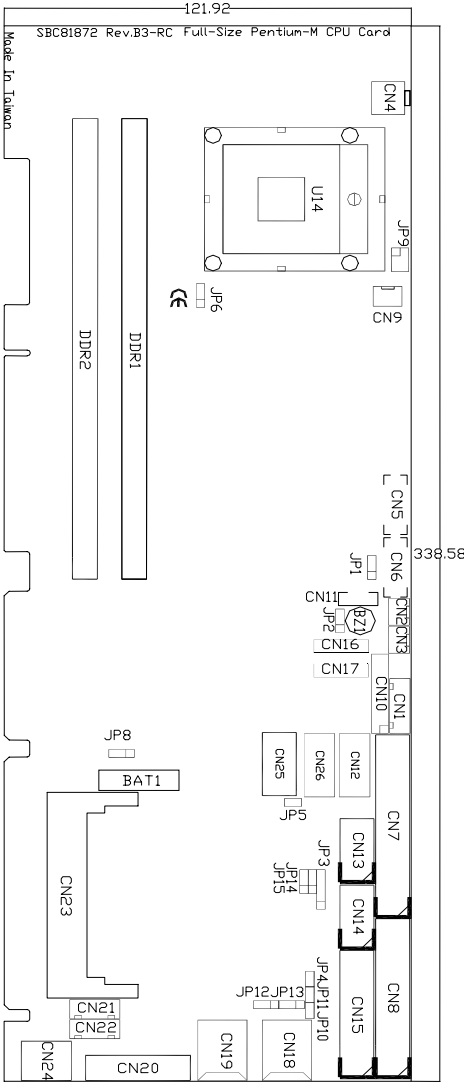
The connectors allow the CPU card to connect with other parts of the system. Some problems encountered by your system may be a result from loose or improper connections. Ensure that all connectors are in place and firmly attached. The following table lists the function of each connector on the **SBC81872**.

Connectors	Label	Connectors	Label
ATX 5VSB power connector	<b>CN1</b>	COM1	<b>CN13</b>
System Fan1	<b>CN2</b>	COM2	<b>CN14</b>
System Fan2	<b>CN3</b>	Printer port	<b>CN15</b>
ATX +12V power	<b>CN4</b>	Serial ATA Channel 1	<b>CN16</b>
LVDS LCD Channel B	<b>CN5</b>	Serial ATA Channel 0	<b>CN17</b>
LVDS LCD Channel A	<b>CN6</b>	LAN2 RJ45	<b>CN18</b>
Pallare IDE port	<b>CN7</b>	LAN1 RJ45	<b>CN19</b>
Floppy port	<b>CN8</b>	VGA function	<b>CN20</b>
CPU Fan	<b>CN9</b>	Internal Mouse	<b>CN21</b>
General output panel	<b>CN10</b>	Internal Keyboard	<b>CN22</b>
LCD power	<b>CN11</b>	Mini PCI socket	<b>CN23</b>
USB 1,2	<b>CN12</b>	External KB/MS (Mini Din)	<b>CN24</b>
USB 3,4	<b>CN26</b>	AC'97 Audio Port	<b>CN25</b>

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## IV. Board Layout



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