

Step 1:CPU Installation



LGA 775 CPU Socket
Supports Intel Core2Duo/Pentium 4/
Pentium D/Celeron D/Celeron 4xx proces-
sor up to 3.8 GHz
(It is recommended to use processors with
95W power consumption.)
FSB: 533/800/1066 MHz

Step 1: Remove the protection
cap from the CPU socket
and keep the cap well.

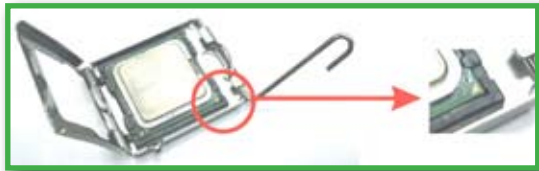


⚠ CAUTION
Our RMA policy only accepts the mainboard comes with the cap on the
CPU socket, so please keep the protection cap well after installation. We
will not be responsible for any damage to the pin-leg of the CPU socket
resulting from misplacement/loss/incorrect removal of the protection cap.

Step 2: Pull the socket locking lever out
from the socket and then raise
the lever up to a 90-degree
angle.



Step 3: Look for the triangular
cut edge on socket,
and the golden dot on
CPU should point for-
wards this triangular
cut edge. The CPU
will fit only in the cor-
rect orientation.



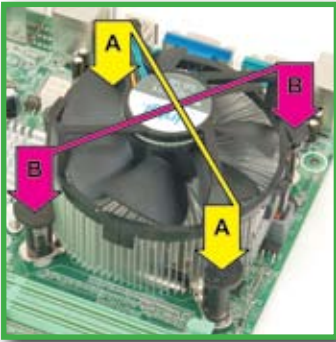
Step 4: Hold the CPU down firmly, and then lower the
lever to locked the position.



Step 5: Place the CPU fan assembly on top of
the installed CPU and make sure that
the four fasteners match the mother-
board holes. Orient the assembly and
make the fan cable is closest to the
CPU fan connector.



Step 6: Press down two fasteners at one time
in a diagonal sequence to secure the
CPU fan assembly in place. CPU
installation completes.



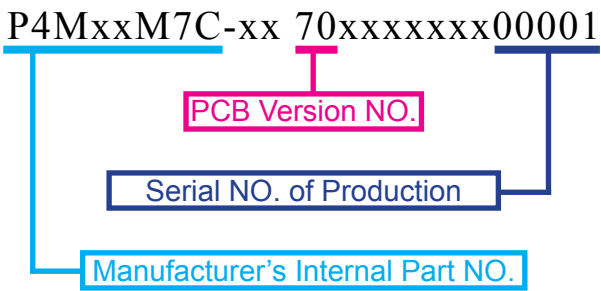
Note:
Do not forget to connect the CPU fan connector. For further information, please refer to **Step 3:Power Connection**.

Package Checklist

- | | |
|---|--|
| ▲ Installation Guide x 1 | ▲ HDD Cable x 1 |
| ▲ Fully Setup Driver CD x 1
(full version manual files inside) | ▲ Rear I/O Panel x 1 |
| ▲ Serial ATA Cable x 1 (optional) | ▲ FDD Cable x 1 (optional) |
| ▲ Serial ATA Power Cable x 1 (optional) | ▲ Parallel Printer Cable x1 (optional) |

Note: The package contents may differ by area or your motherboard version.

Serial NO. Definition



Q&A of Technical Support

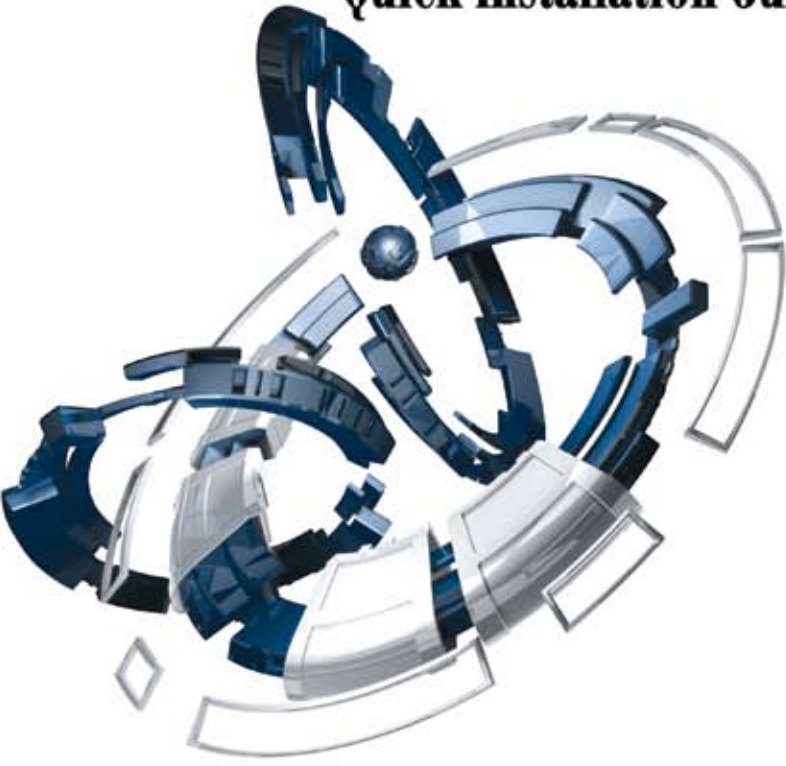
Q: How to get a quick response for my request on technical support?
A: Please carry out a simple troubleshooting before sending "Technical Support Form" on our website.
Q: Is the motherboard dead? Do I need to return it to where I bought from or go through an RMA process?
A: After you had gone through the troubleshooting procedures, yet the problem still exists, or you find an evident damage on the motherboard. Please contact your reseller shop to get the RMA service.

Copyright and Warranty Notice

The information in this document is subject to change without notice and does not represent a commitment on part of the vendor, who assumes no liability or responsibility for any errors that may appear in this manual.
No warranty or representation, either expressed or implied, is made with respect to the quality, accuracy or fitness for any particular part of this document. In no event shall the manufacturer be liable for direct, indirect, special, incidental or consequential damages arising from any defect or error in this manual or product.
Product names appearing in this manual are for identification purpose only and trademarks and product names or brand names appearing in this document are the property of their respective owners.
This document contains materials protected under International Copyright Laws. All rights reserved. No part of this manual may be reproduced, transmitted or transcribed without the expressed written permission of the manufacturer and authors of this manual.
If you do not properly set the motherboard settings, causing the motherboard to malfunction or fail, we cannot guarantee any responsibility.

P4M900-M7 FE
P4M890-M7 FE

Quick Installation Guide



Mainboard
For Intel Processor

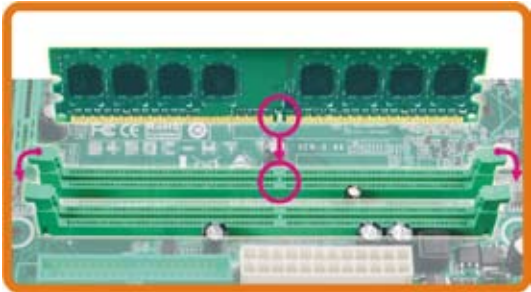
50-RP4MXXM7C-Q-B1

Step 2:Memory Installation



DDR2 DIMM Slot x2
Supports DDR2 533/667
Each DIMM supports 256MB /
512MB / 1GB / 2GB DDR2
Max Memory Capacity is 4GB

Step 1: Unlock a DIMM slot by pressing the retaining clips outward. Align a
DIMM on the slot such that the notch on the DIMM matches the break
on the Slot.



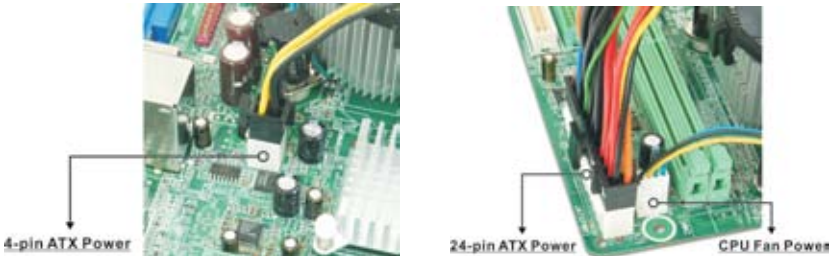
Step 2: Insert the DIMM vertically and firmly into the slot until the retaining chip
snap back in place and the DIMM is properly seated.



Step 3:Power Connection

CPU Fan Power (JCFAN1)
JCFAN1 supports 4-pin head connector. When connecting with wires onto con-
nectors, please note that the black wire is Ground and should be connected to
pin#1(Ground).

24-pin ATX Power (JATXPWR1)
JATXPWR1 is the main power supply connector located along the edge of the
board next to the DIMM slots. Firmly plug the power supply cable into the con-
nector and make sure it is secure.



4-pin ATX Power (JATXPWR2)
JATXPWR2, the 4-pin ATX 12V power connection, is used to provide power to the
CPU. Align the pins to the connector and press firmly until seated.



Installation Complete
Follow the three steps to finish
CPU, memory, and power instal-
lation, and the whole motherboard
assembly should looks like this
picture.

Clear CMOS Header

- The Occasion to Clear CMOS**
1. Forgot the supervisor/user password preset in the BIOS menu.
 2. Unable to boot up the system because the CPU clock was incorrectly set in the BIOS menu.
 3. The CMOS data becomes corrupted.

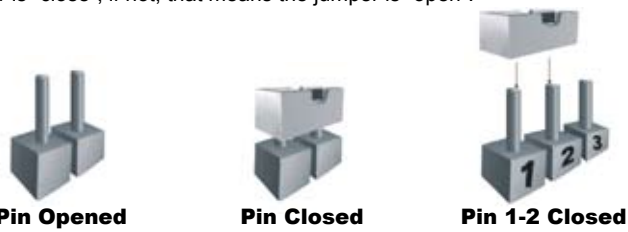


Clear CMOS Header (CMOS1)

<input checked="" type="checkbox"/> 1	Pin 1-2 Close:
<input type="checkbox"/> 3	Normal Operation (default)
<input checked="" type="checkbox"/> 1	Pin 2-3 Close:
<input type="checkbox"/> 3	Clear CMOS data

- Clear CMOS Procedure**
1. Remove AC power line.
 2. Set the jumper to "Pin 2-3 close".
 3. Wait for five seconds.
 4. Set the jumper to "Pin 1-2 close".
 5. Power on the AC.
 6. Reset your desired password or clear the CMOS data.

NOTE: How to Setup Jumpers
The illustration shows how to set up jumpers. When the jumper cap is placed on pins, the jumper is "close", if not, that means the jumper is "open".



Driver & Manual

After you installed your operating system, please insert the Fully Setup Driver CD
into your optical drive and install the driver for better system performance.
You will see following window after you insert the CD.



Click on **Driver** to start the process
of driver installation.



The installation program will detect
your system to find out the driver
needed to be installed.



Click on **Install** and the program
will begin to install the proper
driver for your system.

When the driver installation completes, there will be a dialogue appears asking
you to restart the system. Please click on **YES** to restart your computer.
For more information of the mainboard setup and BIOS setup, please refer to the
full version manual in the setup CD.

In the Setup CD auto-run program,
click on **Manual** and then click on
Mainboard User Manual or
BIOS User Manual.

