

Stable · Durable · Performance NF6 IS-M2 TE

Better than ever

The Motherboard Trusted by Media



CD-IN Connector

*CD-IN-Anschluss
*Connecteur d'entrée CD
*Connetore CD-in
*Conector de entrada de CD
*Conector para entrada de CDs
*Złącze wejściowe CD
*Разъём ввода для CD
*CD-インコネクタ
*CD-IN مرفق

Front Audio Connector

*Front-Audioanschluss
*Connecteur Audio du panneau avant
*Connetore audio frontale
*Conector de sonido frontal
*Conector de áudio frontal
*Przednie złącze audio
*Входной звуковой разъём
*フロントオーディオコネクタ
*مرفق الصوت الأمامي

5.1-Channels HD Audio

*Unterstützt High-Definition Audio / 5.1-Kanal-Audioausgabe
*Prise en charge de l'audio haute définition / Sortie audio à 5.1 voies
*Supporto audio High-Definition (HD) / Uscita audio 5.1 canali
*Soporte de sonido de Alta Definición / Salida de sonido de 5.1 canales
*Suporta a especificação High-Definition Audio / Saída de áudio de 5.1 canais
*Obsługa High-Definition Audio / 5.1 kanałowe wyjście audio
*Звуковая поддержка High-Definition / 5.1-канальный звуковой выход
*ハイファイニションオーディオのサポート / 5.1 チャンネルオーディオアウト
*تدعم تقنية الصوت عالي التعريف 5.1 / قنوات لخرح الصوت

S/PDIF-OUT Connector

*S/PDIF-Ausgangsanschluss
*Connecteur de sortie S/PDIF
*Connetore output SPDIF
*Conector de saída S/PDIF
*Conector de saída S/PDIF
*Złącze wyjścia S/PDIF
*Разъём вывода для S/PDIF
*S/PDIFアウトコネクタ

Printer Port Connector

*Druckeranschluss Anschluss
*Connecteur de Port d'imprimante
*Connetore Porta stampante
*Conector Puerto de impresora
*Разъём Порт подключения принтера

Floppy Disk Drive Connector

*Diskettenlaufwerkanschluss
*Connecteur de disquette
*Connetore floppy
*Conector disco flexible
*مرفق محرك أقراص مرنة

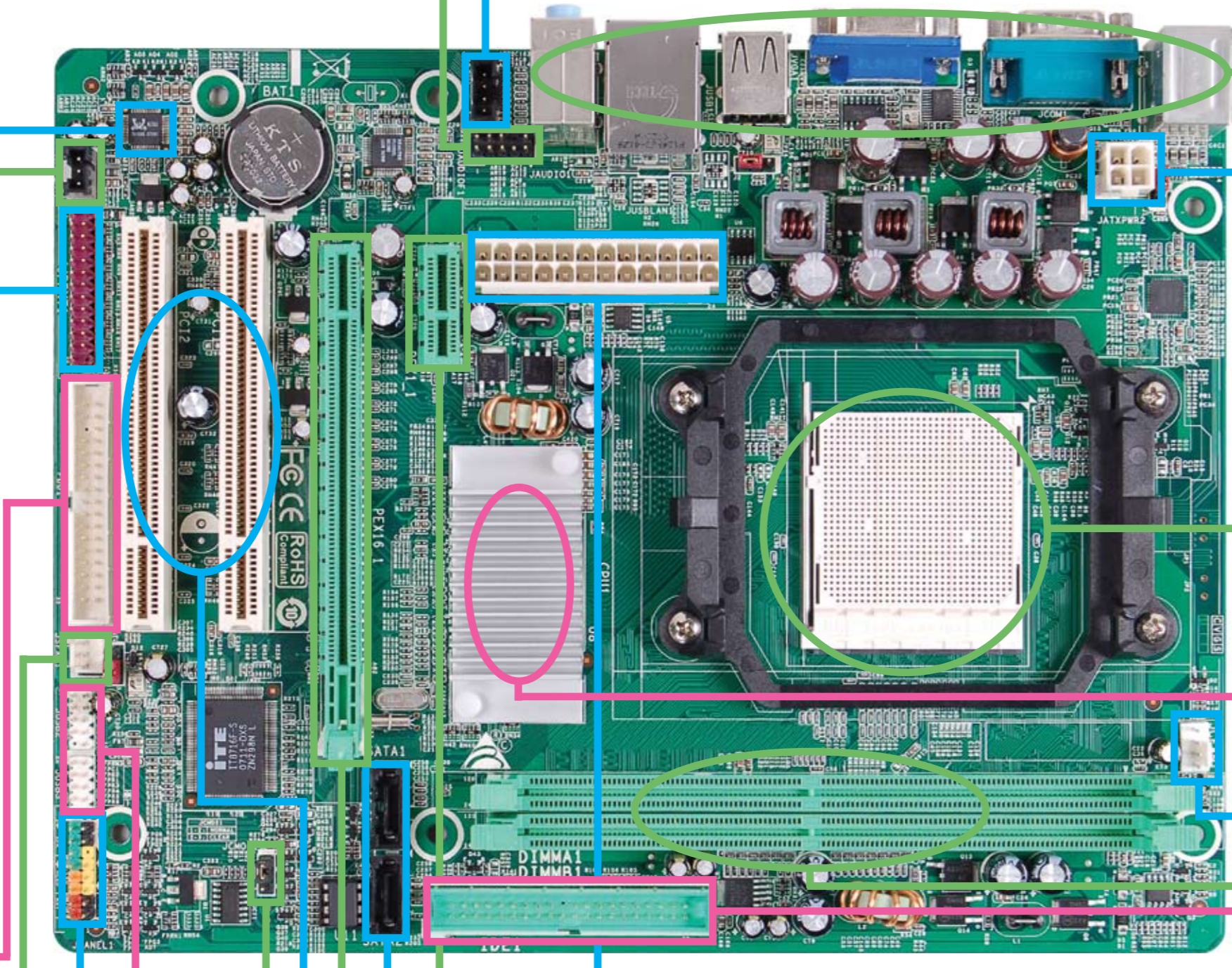
*Conector da unidade de disquetes
*Złącze napędu dyskietek
*Разъём НГМД
*Флоппи-коネクта

System Fan Header

*System-Lüfter-Sockel
*Embase de ventilateur système
*Collettore ventolina sistema
*Cabecera de ventilador de sistema
*Conector da ventoinha do sistema
*Złącze główkowe wentylatora systemowego
*Контактирующее приспособление вентилятора центрального процессора
*システムファンヘッド
*وصلة مروحة النظام

Front Panel Connector

*Fronttafelanschluss
*Connecteur du panneau avant
*Connetore pannello frontale
*Conector de panel frontal
*Conector do painel frontal
*Złącze panela przedniego
*Разъём на лицевой панели
*フロントパネルコネクタ
*مرفق اللوحة الأمامية



Back Panel I/O Connectors

*Rückseiten-E/A
*E/S du panneau arrière
*I/O pannello posteriore
*Panel trasero de E/S
*مرفق دابل الخرج اللوحة الخلفية

*Entradas/Saídas no painel traseiro
*Back Panel I/O
*Задняя панель средств ввода-вывода
*背面パネルI/O

Power Connector (4pin)

*Stromanschluss(4-polig)
*Connecteur d'alimentation(4 broches)
*Connetore alimentazione(4 pin)
*Conector de alimentación(4 patillas)
*Conector de alimentação(4 pinos)
*Złącze zasilania (4 pinowe)
*Разъём питания (4 вывода)
*電源コネクタ(4ピン)
*مرفق توصيل الطاقة(4بوس)

Socket AM2 for AMD Sempron / Athlon 64 / Athlon 64 FX / Athlon 64 X2 Processor

FSB: Up to 1GHz Bandwidth

*Socket AM2
AMD Athlon 64/Athlon 64 FX/Athlon 64 x2/Sempron Prozessoren
*Socket AM2
Processeurs AMD Athlon 64/Athlon 64 FX/Athlon 64 x2/Sempron
*Socket AM2
Processori AMD Athlon 64/Athlon 64 FX/Athlon 64 x2/Sempron
*Conector AM2
Procesadores AMD Athlon 64/Athlon 64 FX/Athlon 64 x2/Sempron
*Socket AM2
Processadores AMD Athlon 64/Athlon 64 FX/Athlon 64 x2/Sempron
*Socket AM2
AMD Athlon 64/Athlon 64 FX/Athlon 64 x2/Sempron Processor
*гнездо AM2
Процессоры AMD Athlon 64/Athlon 64 FX/Athlon 64 x2/Sempron
*مرفق AM2
معالجات AMD Athlon 64/Athlon 64 FX/Athlon 64 x2/Sempron

NB Chipset : GeForce 6100-405

*NB Chipsatz: GeForce 6100-405
*NB Conjunto de chips: GeForce 6100-405
*NB مجموعة الشرائح: GeForce 6100-405

CPU Fan Header

*CPU-Lüfter-Sockel
*Embase de ventilateur UC
*Collettore ventolina CPU
*Cabecera de ventilador de CPU
*Conector da ventoinha do CPU
*Złącze główkowe wentylatora procesora
*Контактирующее приспособление вентилятора центрального процессора
*CPUファンヘッド
*وصلة مروحة وحدة المعالجة المركزية

DDR2 DIMM Slots

Each DIMM supports 256MB/512MB/1GB/2GB DDR2 400/533/667/800

*DDR2 DIMM-Steckplätze
Jeder DIMM unterstützt 256MB/512MB/1GB/2GB DDR2 400/533/667/800
*Fentes DDR2 DIMM
Chaque DIMM prend en charge des DDR2 400/533/667/800 de 256Mo/512Mo/1Go/2Go
*Alloggio DIMM DDR2
Ciascun DIMM supporta DDR2 400/533/667/800 256MB/512MB/1GB/2GB
*Ranuras DIMM DDR2
Cada DIMM admite DDR2 400/533/667/800 de 256MB/512MB/1GB/2GB
*Ranuras DIMM DDR2
Cada módulo DIMM suporta uma memória DDR2 400/533/667/800 de 256MB/512MB/1GB/2GB
*Gniazda DDR2 DIMM
Každé gniazdo DIMM obsluhuje moduly 256MB/512MB/1GB/2GB DDR2 400/533/667/800
*Слоты DDR2 DIMM
Каждый модуль DIMM поддерживает 256MB/512MB/1GB/2GB DDR2 400/533/667/800
*DDR2 DIMM slots
Cada DIMM admite DDR2 400/533/667/800 de 256MB/512MB/1GB/2GB
*DDR2 DIMM slots
各DIMMは 256MB/512MB/1GB/2GB DDR2 400/533/667/800をサポート
*DDR2 DIMM slots
سعة DIMM تدعم ال 256 ميبايت / 512 ميبايت / 1 جيبايت / 2 جيبايت
*DDR2 DIMM slots
مرفق 256 ميبايت / 512 ميبايت / 1 جيبايت / 2 جيبايت

Clear CMOS Header

*"CMOS löschen"-Sockel
*Embase d'effacement CMOS
*Collettore cancellazione CMOS
*Cabecera de borrado de CMOS
*Conector para limpeza do CMOS
*Złącze główkowe kasowania CMOS
*Открытое контактирующее приспособление CMOS
*CMOSクリアヘッド
*وصلة مسح CMOS

SATA Connectors

*SATA-Anschluss
*Connecteur SATA
*Connetore SATA
*Conector SATA
*Разъём SATA
*Złącze SATA
*SATAコネクタ
*مرفق SATA

PCI-Express x16 Slot

*PCI Express x16-Steckplatz
*Fente PCI Express x16
*Alloggio PCI Express x16
*Ranura PCI express x16
*PCI Express x16-قناة

*Ranura PCI Express x16
*Slot PCI Express x16
*PCI Express x16-سล็อต
*مرفق PCI Express x16

PCI Slots

*PCI-Steckplatz
*Fente PCI
*Alloggio PCI

*Ranura PCI
*Ranura PCI
*Gniazdo PCI

*Slot PCI
*Slot PCI
*PCI-سล็อต
*قناة PCI

Power Connector (24pin)

*Stromanschluss(24-polig)
*Connecteur d'alimentation (24 broches)
*Connetore alimentazione(24 pin)
*Conector de alimentación(24 patillas)
*Conector de alimentación (24 pinos)
*Złącze zasilania (24 pinowe)
*Разъём питания (24 вывода)
*電源コネクタ(24ピン)
*مرفق توصيل الطاقة(24بوس)

*Conector de alimentação (24 pinos)
*Złącze zasilania (24 pinowe)
*Разъём питания (24 вывода)
*電源コネクタ(24ピン)
*مرفق توصيل الطاقة(24بوس)

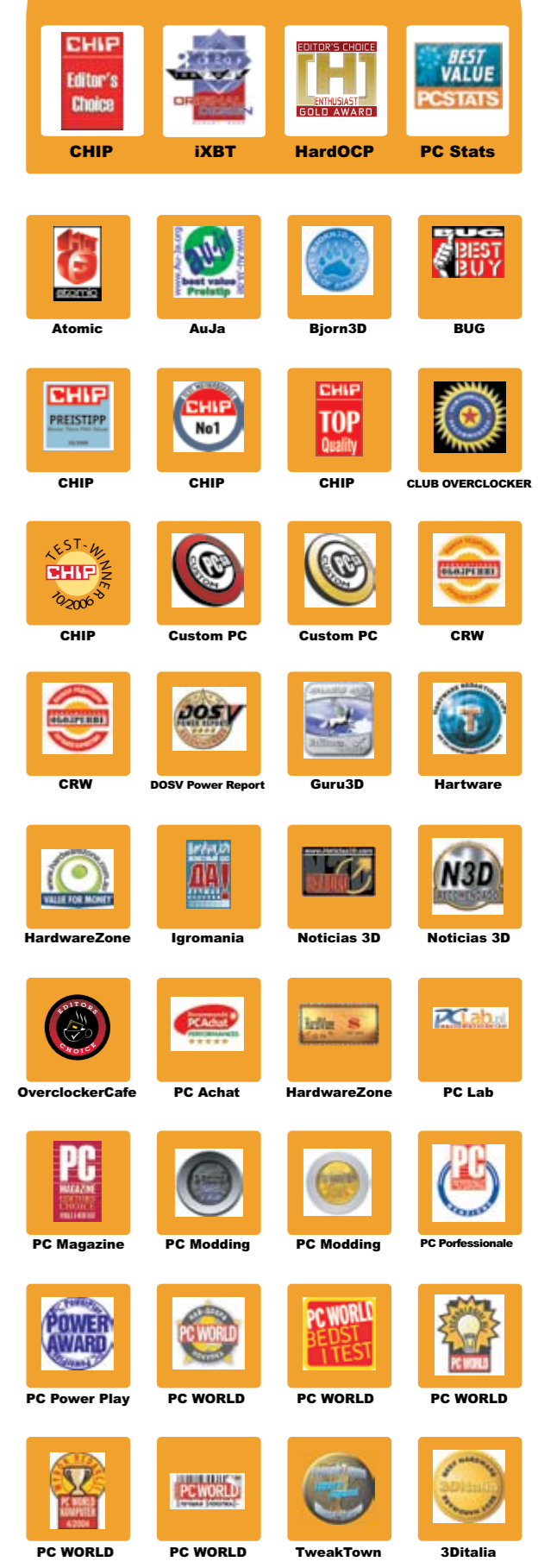
PCI-Express x1 Slot

*PCI Express x1-Steckplatz
*Fente PCI Express x1
*Alloggio PCI Express x1
*Ranura PCI express x1
*PCI Express x1-قناة

*Ranura PCI Express x1
*Gniazdo PCI Express x1
*Slot PCI Express x1
*PCI Express x1-سล็อต
*مرفق PCI Express x1

IDE Connector

*IDE-Anschluss
*Connecteur IDE
*Connetore IDE
*Conector IDE
*Разъём IDE
*Złącze IDE
*IDEコネクタ
*مرفق IDE



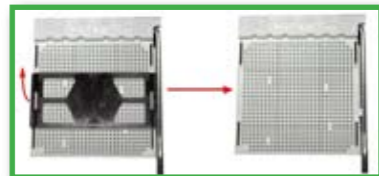
Step 1: CPU Installation



AM2 CPU Socket

Supports AMD Sempron / Athlon 64 / Athlon 64 FX / Athlon 64 X2 processor
FSB: Supports up to 1GHz Bandwidth

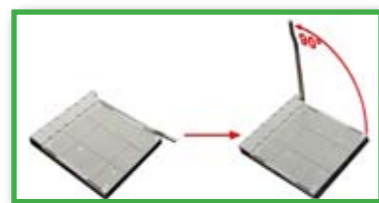
Step 1: Remove the protection cap from the CPU socket and keep the cap well.



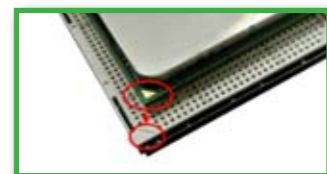
CAUTION

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.

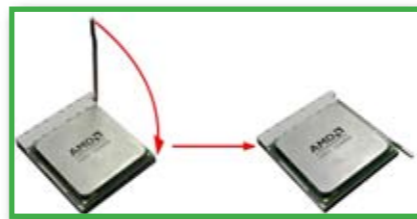
Step 2: Pull the socket locking lever out from the socket and then raise the lever up to a 90-degree angle.



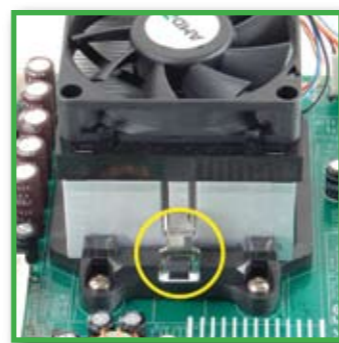
Step 3: Look for the triangular cut edge on socket, and the golden dot on CPU should point forwards this triangular cut edge. The CPU will fit only in the correct orientation.



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



Step 5: Place the heatsink and fan assembly onto the retention frame. Match the heatsink clip with the socket mounting-lug. Hook the spring clip to the mounting-lug.



Step 6: On the other side, push the retention clip straight down to lock into the plastic lug on the retention frame, and then press down the locker until it stops.



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

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

Serial NO. Definition

NF61SM2B-xx 60xxxxxxx00001

PCB Version NO.

Serial NO. of Production

Manufacturer's Internal Part NO.

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.

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NF61S-M2 TE

Quick Installation Guide



Mainboard

For AMD Processor

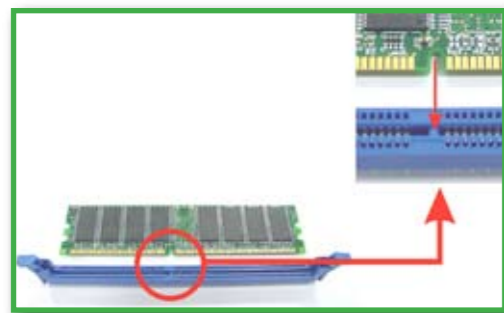
Step 2: Memory Installation



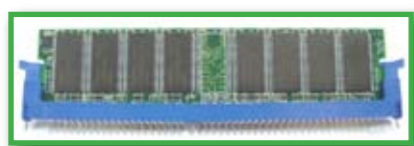
DDR2 DIMM Slot x2

Supports DDR2 400/533/667/800
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.



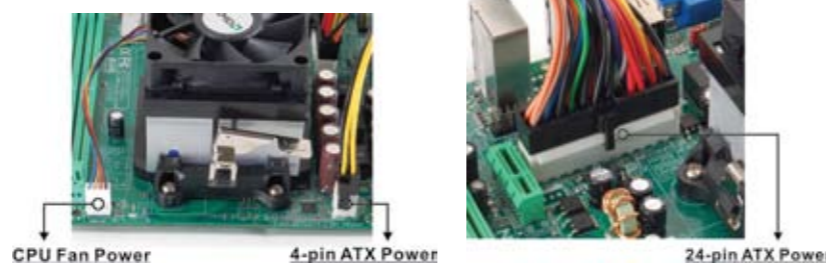
Step 3: Power Connection

CPU Fan Power (JCFAN1)

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

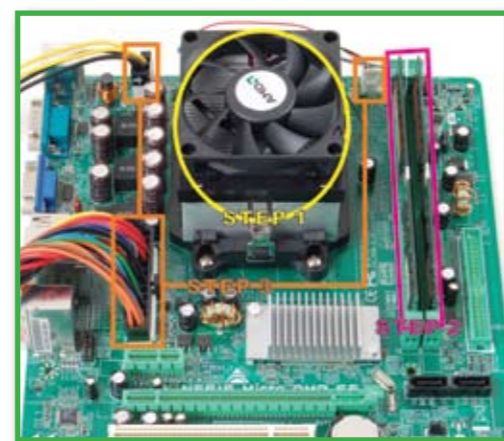
24-pin ATX Power (JATXPWR1)

JATXPWR1 is the main power supply connector located along the edge of the board next to the CPU socket. Firmly plug the power supply cable into the connector 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 installation, and the whole motherboard assembly should look 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)

1 Pin 1-2 Close: Normal Operation (default)

1 Pin 2-3 Close: 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**.

