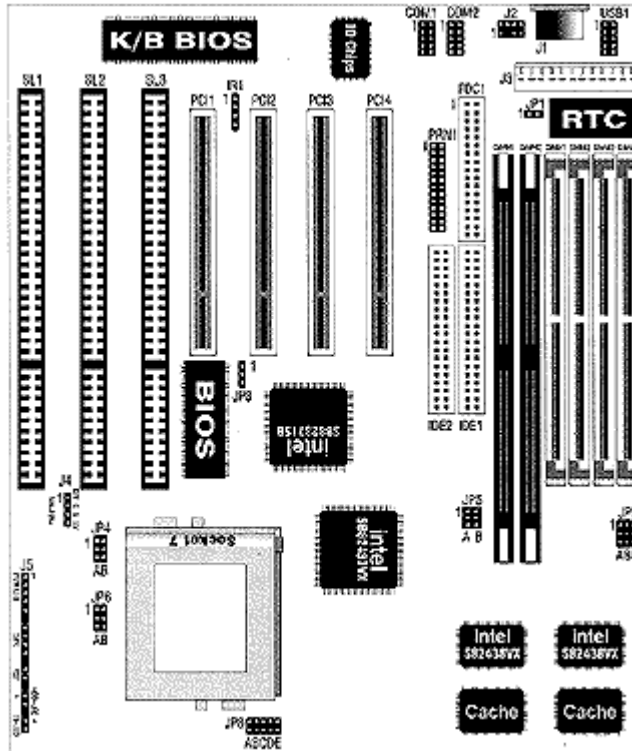
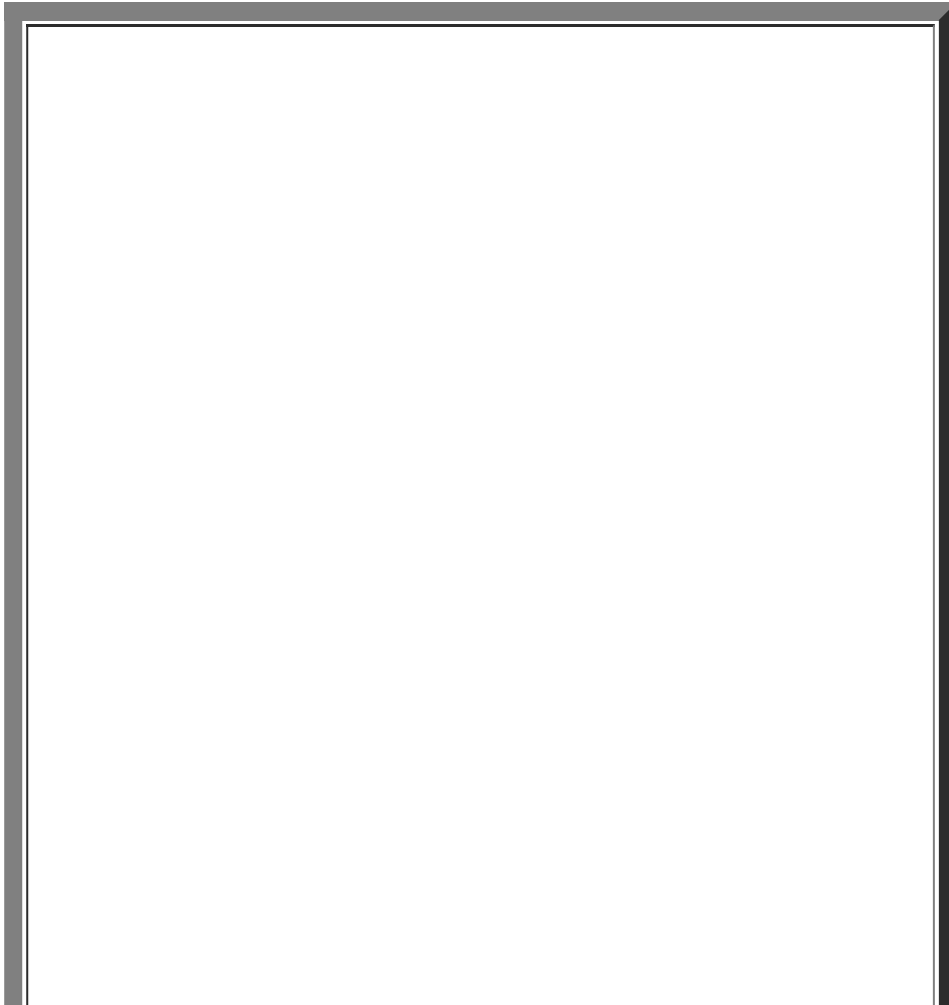


# M549





## M549 Mainboard

### Quick Installation Guide

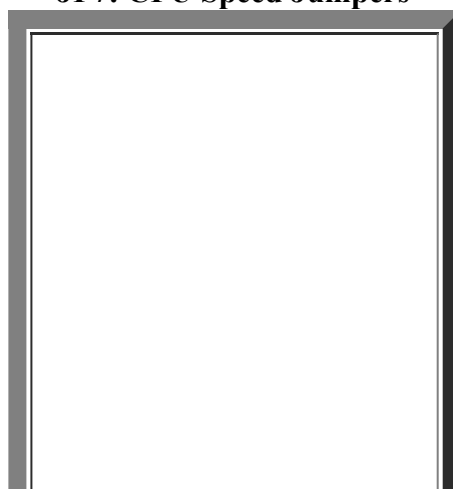


1. Set JP7 to select CPU speed
2. Set JP4 to select CPU Internal Clock Speed
3. Set JP8(A, B, C, D, E) to select CPU Core Voltage
4. Insert CPU to CPU socket
5. Set JP6 to select P54C or P55C CPU
6. Insert 72-pin SIMM modules into SIMM1-4 and/or insert 168-pin DIMM modules into DIMM1-2, notice that DIMM2 and SIMM1, 2 or DIMM1 and SIMM3, 4 can not be installed at the same time
7. Set JP5 to select voltage of DIMM module (if DIMM installed).
8. Install mainboard into system chassis
9. Connect keyboard to J1
10. Insert the display card and other peripheral cards (if required) onto the mainboard
11. Connect harddisk(s) to IDE 1 / IDE2 connector(s)
12. Connect floppy drive(s) to FDC1 connector
13. Connect serial port to COM1 and COM2 connectors
14. Connect parallel port to PRN1 connector
15. Connect J5(HDD-LED) to "Hard Disk Busy" LED on the system chassis
16. Connect J5(TB-LED) to Turbo LED on the system chassis
17. Connect J5(RST) to Reset Switch on the system chassis
18. Connect J5(SPK) to Speaker on the system chassis
19. Connect J5(PWR-LED) to keylock and power LED on the system chassis
20. Connect power cord to J3 Power Supply Connector
21. Close system chassis, connect all external cables to your computer.


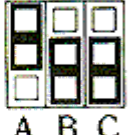



### JP1: CMOS RAM Discharge Jumper

pin		Description	Description	JP1
1		CMOS	Normal Mode	
2		Ground	Clear CMOS	





### JP7: CPU Speed Jumpers



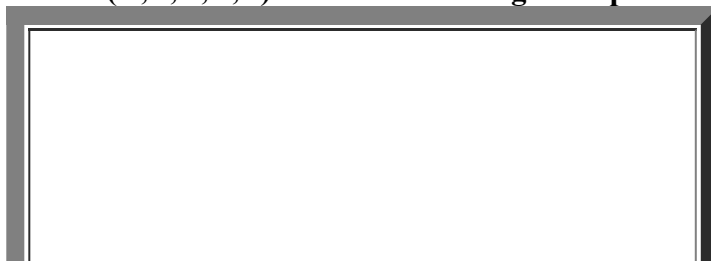
### JP7: CPU Speed Jumpers

CPU Clock	JP7
50MHz	1  A B C
55MHz	1  A B C
60MHz	1  A B C
66MHz	1  A B C
75MHz	1  A B C

### JP4: CPU Internal Clock Speed Jumper

JP4: CPU Internal Clock Speed Jumpers			
Intel	Cyrix	AMD	JP4
1.5X/ 3.5X	Reserved	K5 1.5X/ K6 3.5X	1  A B
2.0X	2.0X	Reserved	1  A B
2.5X	M2 2.5X	2.5X	1  A B
3.0X	M2 3.0X	K6 3.0X	1  A B

### JP8(A,B,C,D,E): CPU Core Voltage Jumpers



**JP8(A,B,C,D,E): CPU Core Voltage Jumpers**

	Setting		Setting
3.5V		2.9V	
3.3V		2.8V	
3.2V		2.5V	

**JP6 - CPU Type Jumper**

**JP6: CPU Type Jumper**

CPU	Setting	Example
P55C (Dual Voltage)	1	Intel MMX™, AMD K6, IBM/Cyrix 6x86L, M2
P54C (Single Voltage)	1	Intel P54C, AMD K5, IBM/Cyrix 6x86

**JP5: DIMM Module Voltage Selector**

**JP5: DIMM Module Voltage Selector**

Description	JP5
For SDRAM DIMM Module(3.3V)	5V  1 3.3V
For EDO DRAM/Fast Page DRAM DIMM Module(5V)	5V  1 3.3V

**JP3: Flash ROM Voltage Jumper**

**JP3: Flash ROM Voltage Jumper**

Description	JP3
12 Voltage Flash Programming	1  12V 5V
5 Voltage Flash Programming	1  12V 5V