

Chapter 3

Connector Configuration

This section lists all connector pin assignments and port descriptions on the mainboard. The situations of the connectors and ports are illustrated in the following figures. Before inserting these connectors, please pay attention to their directions.

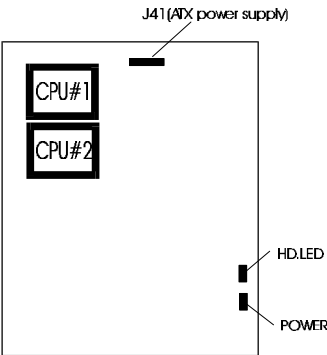
Power Switch (POWER)

Connect ATX power supply connector to socket J41 first.

- 1.If you want to power up your system, you should turn on the mechanical switch of ATX power supply first, then push once the button connected to the two pin header (POWER).
2. If you want to power off your system , you need not turn off the mechanical switch of ATX power supply, just push once again the button connected to the two pin header (POWER).The location of connectors is shown in below figure.

Hard Disk LED Connector (HD.LED)

PIN NUMBER	FUNCTION
1	LED ANODE
2	LED CATHODE



Speaker Connector(SPEAKER)

Connector Configuration

PIN NUMBER	FUNCTION
1	SPKDATA
2	GND
3	GND
4	VCC

Turbo LED Connector(TB.LED)

PIN NUMBER	FUNCTION
1	LED ANODE
2	LED CATHODE

Reset Switch (RESET)

SETTING	FUNCTION
CLOSE ONCE	RESET THE SYSTEM
OPEN	NORMAL

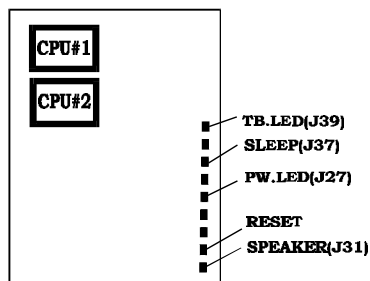
Hardware Green (SLEEP)

SETTING	FUNCTION
CLOSE ONCE	HARDWARE GREEN
OPEN	NORMAL

Keylock/Power LED Connector (PW.LED)

PIN NUMBER	FUNCTION
1*	+5V
2*	NC
3*	GND
4	KEYLOCK
5	GND

“*”:You could use Pin1~Pin3 as Power LED Connector.



IrDA Connector(IR HEADER)

PIN NUMBER	FUNCTION	
	Intel spec.	SMC spec.
1	VCC	---
2	NC	---
3	IRRX	IRRX
4	GND	GND
5	IRTX	IRTX
6	---	VCC

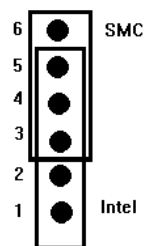


Illustration of IR Header Connector

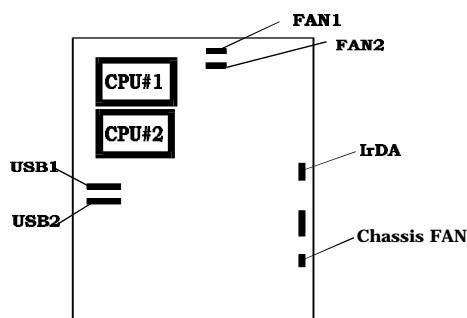
USB1/USB2 Connector(USB1/USB2)

PIN NUMBER	FUNCTION
1	VCC
2	Key
3	DATA-
4	DATA+
5	GND

FAN Connectors (FAN1,FAN2,Chassis FAN)

- 1.If your fan has no tachometer signal output, and its connector pin#3 is “GND” too, it is no matter to plug it into mainboard FAN connector.
- 2.The tachometer values (RPM) is showed in System Setup “System Monitor” menu. (See page 4-16,17.)

PIN NUMBER	FUNCTION
1	GND
2	+12V
3	Tachometer Signal



I/O Port Description

Connector Configuration

CONNECTOR	FUNCTION
IDE1	Primary IDE Port
IDE2	Secondary IDE Port
FLOPPY	Floppy Drive Port
PRINTER	Parallel Port
UART1	COM1/COM2/COM3/COM4
UART2	COM2/COM/3COM4/COM1
USB1	First USB Port
USB2	Second USB Port
VRM1	VRM Socket for CPU#1
VRM2	VRM Socket or CPU#2

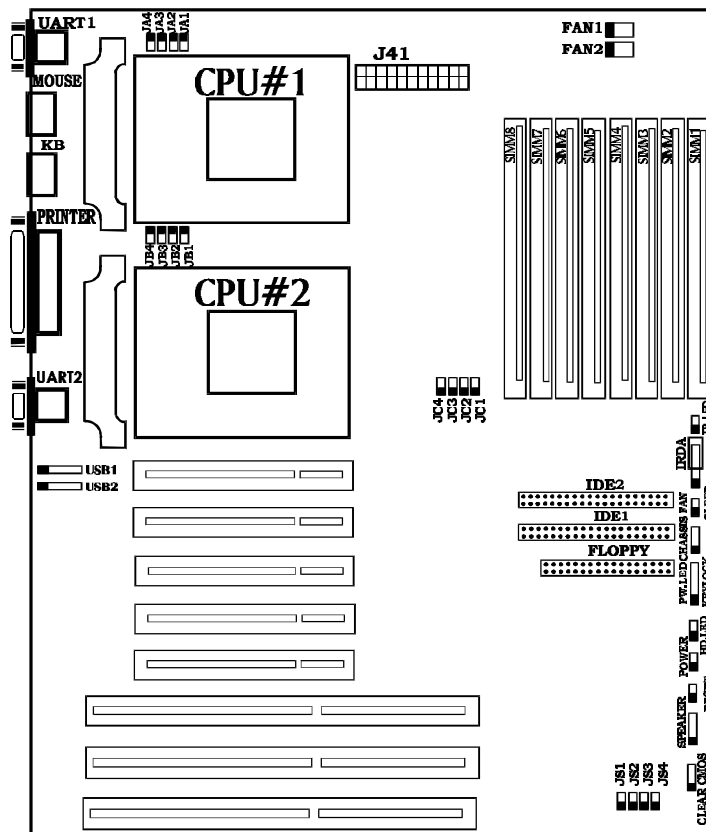


Figure 3-1 Illustration of All Connector On Board