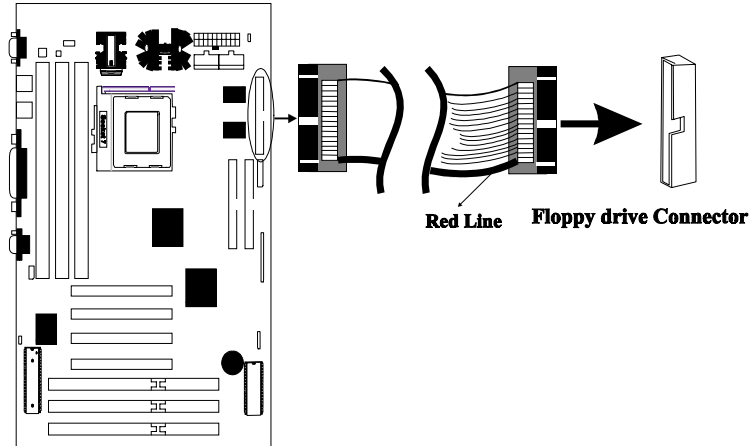


Installation

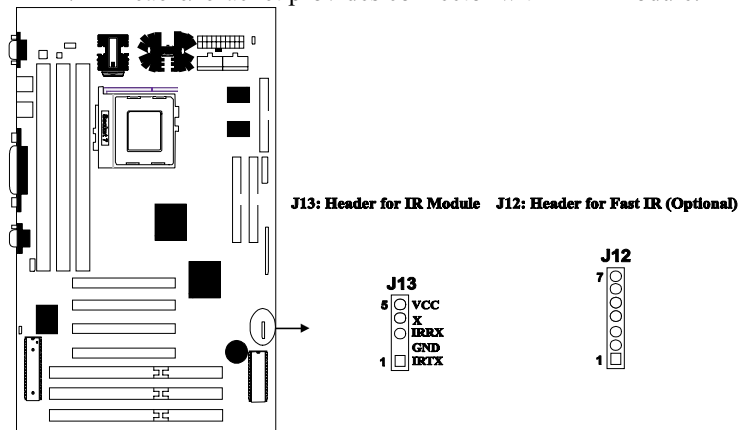
Floppy Disk Connector: (J7)

P5TX-A provides one floppy drive connector with one 34-pin floppy cable. It can support 2 floppy drivers with type : 360KB/ 720KB/ 1.2 MB / 1.44MB / 2.88MB or 3 mode.



IrDA : (J12: Header for Fast IR (optional) / J13: Header for IR Module)

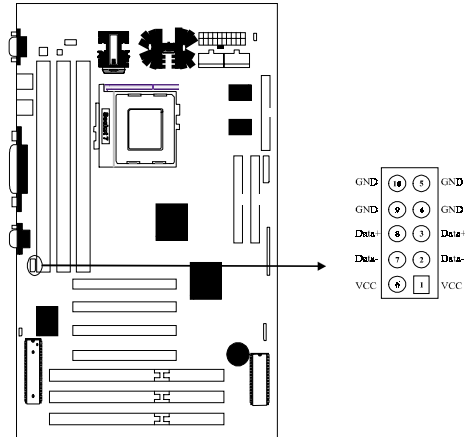
P5TX-A is an IrDA-capable / Fast IR mainboard. It gives users IR wireless data exchange directly from mobile computers, printers and PDAs,.....etc. IrDA / FIR cable/ bracket provides connector with IrDA module.



Installation

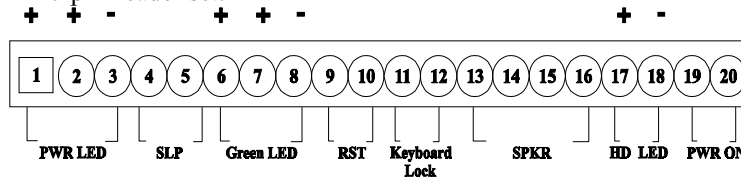
USB Header: (J11)

Universal Serial Bus (USB) is a new industry standard interface for ease use of PC peripheral expansion. USB cable / bracket provides two USB connectors with USB devices.



20-pin Front Panel Switch Connector: (J10)

In order to help quick install front panel switch, these headers are integrated in 20-pin header set.



Connector	Featru / Conect to
Power LED	Front Panel Power LED
SLP	Suspend Mode (Green)
Green LED	Green Function Indicator
Reset Switch	Reset System
Keyboard Lock	Front Panel Keylock
Speaker	Front Panel Speaker
Hard Disk LED	Indicates the H.D.D activity
Power ON	ATX Power Switch

Table 錯誤! 所指定的樣式的文字不存在文件中。 -1. Front Panel Switch Connector

Installation

Power LED:

Pin No.	Name
1	Vcc
2	Vcc
3	GND

This connector is used to provide the power for the LED on the front panel. A pull up resistor (330 ohm) is connected to pin 1 and pin2 of this

Sleep:

Pin No.	Name
4	SLP
5	GND

This connector is used to provide a way for the user to switch the system from normal operating mode to green mode.

Green LED:

Pin No.	Name
6	+
7	+
8	-

This is the green mode indication connector. Connecting it to a LED on the front panel. In normal operation, the LED will be turned Off; in green mode, the LED will

RESET:

Pin No.	Name
9	Input
10	GND

This connector is used to provide a way for the user to reset the system.

Keyboard Lock:

Pin No.	Name
11	Input
12	GND

This connector is used to provide a way for the user to lock the keyboard from the front panel.

Speaker:

Pin No.	Name
13	Vcc
14	GND
15	GND
16	Output

This is the external speaker connector.

HDD LED:

Pin No.	Name
17	+
18	-

Connecting a LED from the front panel to indicate the active of the on board IDE Harddisk.

Installation

Power On Switch:

Pin No.	Name
19	Vcc
20	Input

This connector is used to provide a way for the user to turn the system on. Connecting it to the power on push-button on the front panel.

Note:

In order to prevent the system from power down by mistake, the P5TX-A provides one optional item on the “power management setup” manual of the BIOS setup. This item is called “Power Button Override”. The function is as follows:

Enabled:

1. Pushing the power button one time will change the system from normal operation to suspend state. Pushing the power button again will wake up the system.
2. Pushing the power button more than 4 seconds will shut down the system.

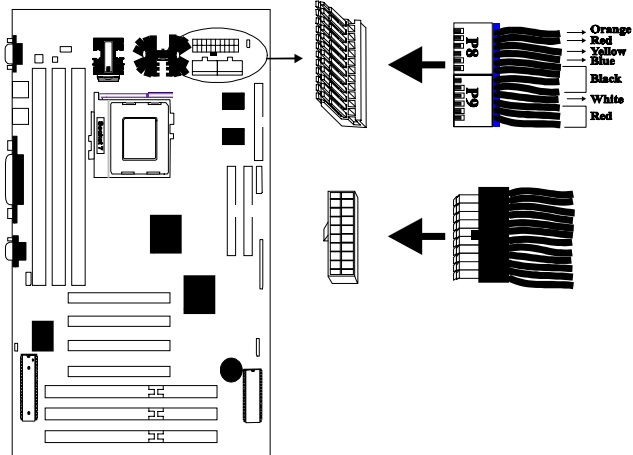
Disabled:

1. Pushing the power button one time will turn the system on, pushing again will turn the system off.

Installation

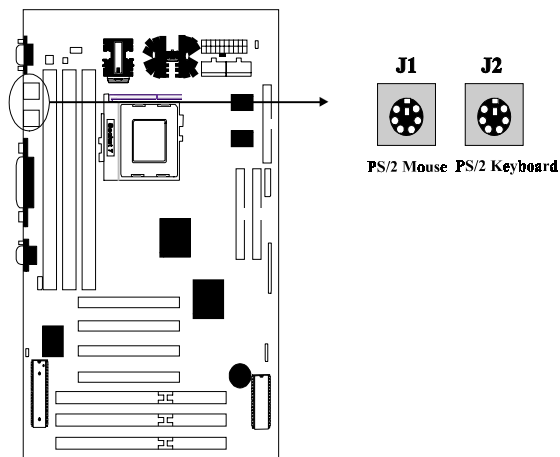
AT & ATX Power Supply Connector: (PS2, PS1)

P5TX-A provides one set of PS2 Standard AT & PS1 ATX power supply connectors.



PS/2 Mouse & Keyboard Connector: (J1, J2)

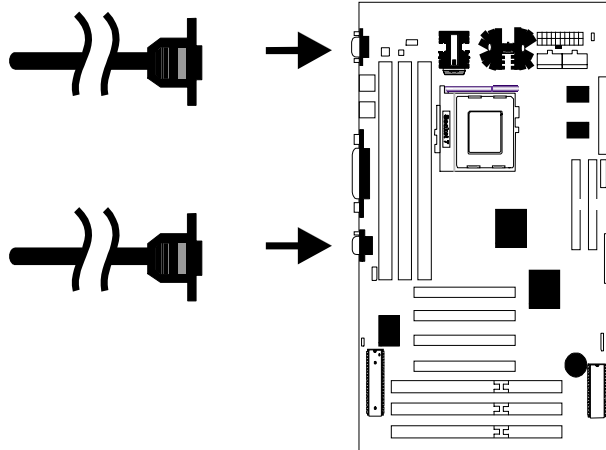
P5TX-A provides PS/2 mouse and keyboard connector.



Installation

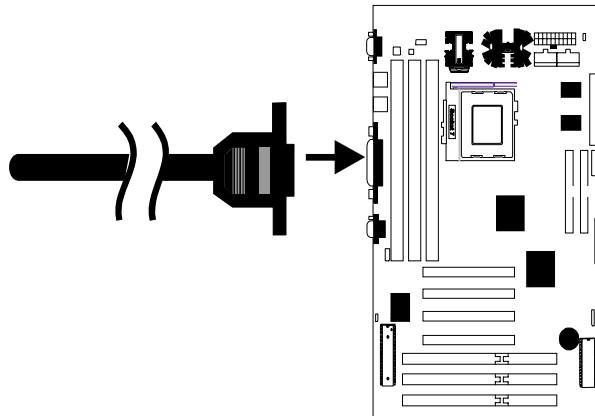
Serial Port COM1 and COM2 : (J3, J4)

P5TX-A provides two high speed serial port connectors. Each serial port is 16550 UART compatible.



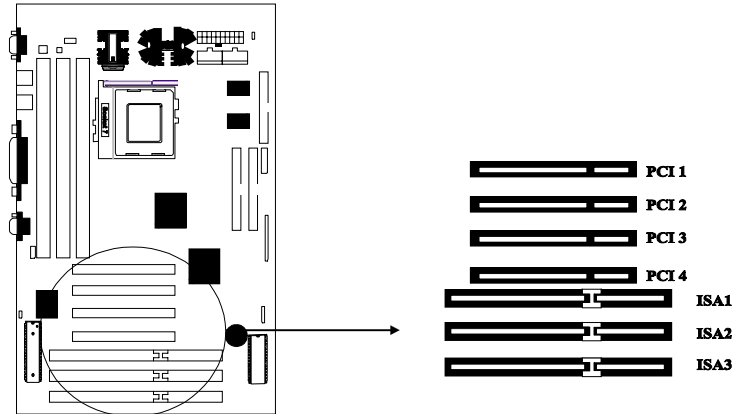
Parallel Port Printer Connector : (J6)

P5TX-A provides one set of high speed parallel port headers and cable. The parallel port can support bidirection / EPP / ECP mode.



Install Add-on Card

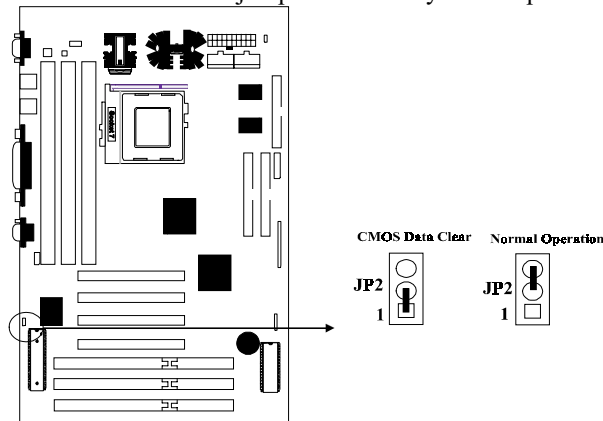
P5TX-A provides three ISA slots and four PCI slots. ISA 1 and PCI 4 slots are shared and can not be installed at the same time.



Other Jumpers

Clear CMOS & Password Check (JP2)

BIOS setting values is stored in CMOS RAM. To clear CMOS Data and password of your computer, please open the computer chassis; short 1-2 of JP2 with short jumper; power on your system carefully; power off your system; then CMOS data will be cleared. For normal optional, please short 2-3 of JP2 with short jumper and close your computer chassis.



Installation

Host Clock Setting:

The table below presents the detailed Jumper Settings for different CPU Clock. Users can refer to this table for the reference.

Host Clock	55 MHz	JP1 short 11-13, 17-19, 20-22
	60 MHz	JP1 short 11-13, 17-19, 18-20
	66 MHz (default)	JP1 short 9-11, 17-19, 18-20
	75 MHz	JP1 short 9-11, 17-19, 20-22
CPU Core Clock	Host Clock * 1.5	JP1 short 1-3, 2-4
	Host Clock * 2.0 (default)	JP1 short 1-3, 4-6
	Host Clock * 2.5	JP1 short 3-5, 4-6
	Host Clock * 3	JP1 short 3-5, 2-4
	Host Clock * 3.5 (for P55C-233MHz)	JP1 short 1-3, 2-4

Table 錯誤! 所指定的樣式的文字不存在文件中。-2. Host Clock Settings

Connector Table:

Connector	Function	Description
J1	PS/2 Keyboard Connector	Connect to PS/2 Keyboard
J2	PS/2 Mouse Connector	Connect to PS/2 Mouse
J3	Serial Port One (COM1/ COM3)	Connect to Serial Port one connector
J4	Serial Port Two (COM2 / COM4)	Connect to Serial Port two connector
J5	Serial Port Header (COM2/COM4) (Optional)	Connect to serial port two bracket
J6	Parallel Port Connector	Connecto to Parallel Port one connector
J7	Floppy Disk Connector	Connect to one or two floppy drive
J8	Primary Hard Disk Connector	Connect to the 1st IDE channel for 1 or 2 IDE drives
J9	Secondary Hard Disk Connector	Connect to the 2nd IDE channel for 1 or 2 IDE drives

Continued.....

Installation

Connector	Function	Description
J10	Front Panel Switch Connector	Connect to several purpose of front panel function of indicator, Reset, SMI Switch.....
J11	USB Port 1 & Port 2 Header	Connect to 2 channel of USB cable
J13	Infrared (IR) Header	Connect to Infra-red cable/bracket
J14	CPU Fan Header	Connect to 2 or 3-pin power cord of CPU fan
PS1	20-pin ATX Power Connector	Connect to ATX Power Supply
PS2	12-pin Standard AT Power Connector	Connect to power supply P8 and P9
PS3	5V Standby power (Optional)	-----

Table 錯誤! 所指定的樣式的文字不存在文件中。-3. Connectors

Installation

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