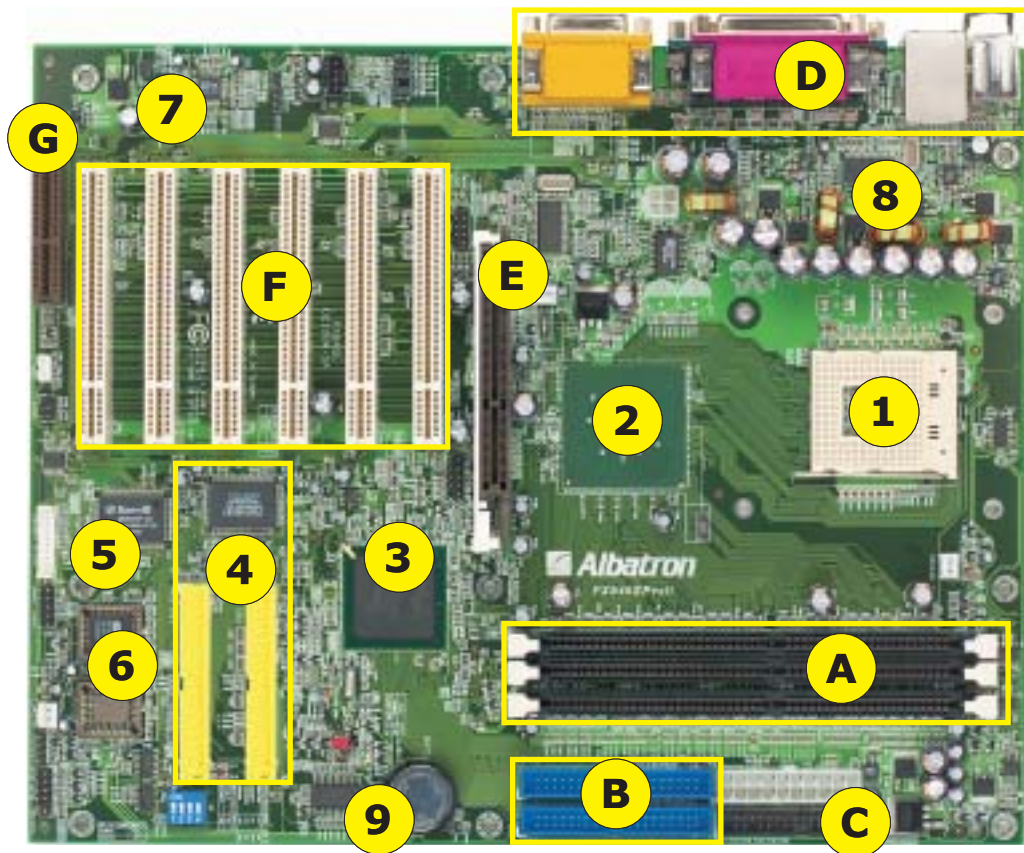


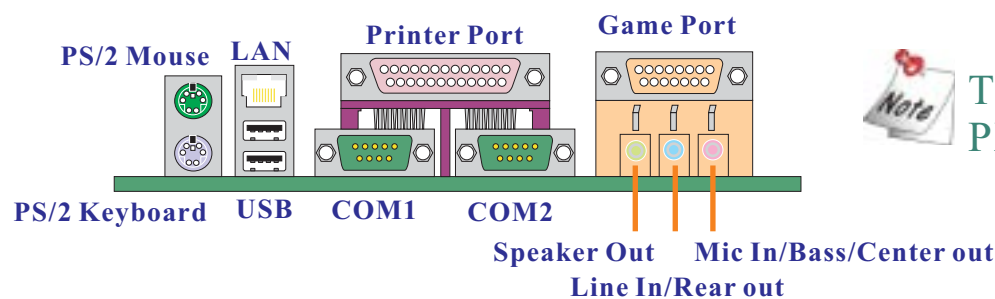
Albatron Socket478 Mainboard PX845E Series Quick Guide



- 1 Socket 478 CPU Configuration**
Intel Pentium®4 process up to 2.53GHz speed
Front Side Bus 400/533 MHz
CPU Temperature Sensor
- 2 Intel 82845E**
Supports AGP2.0 Compliance
Supports 200/266 MHz DDR SDRAM
- 3 Intel 82801DB (ICH4)**
Supports 6 ports, Hi-Speed USB 2.0
- 4 RAID Controller <PROMISE PDC20276>**
(for PX845EPRO & PX845E PRO II only)
Supports Ultra ATA 133 RAID 0 or 1

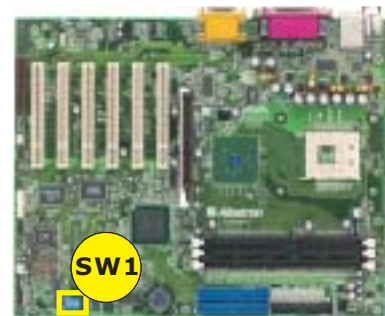
- 5 Winbond Smart IO <W83637HF>**
Integrated Hardware Monitor
- 6 BIOS Mirror (only for PX845E PRO II)**
Phoenix-Award BIOS™
- 7 Audio CODEC <ALC650>**
AC '97 2.2 Compliance
6 channels audio output
S/PDIF IN/OUT
- 8 LAN Chip Controller <Intel DA82562ET>**
(for PX845E PRO II only)
- 9 Voice Genie (for PX845E PRO II only)**
A speech IC which monitor the power on process of mainboard
- A DDR DIMM Sockets**
Supports DDR 200/266 Mhz unbuffer DIMMs
DIMM 1/(2+3) support up to 2-banks memory size up to 1GB
Does not support double-sided *16 DDR DIMMs
- B Hard Disk Connectors**
Ultra ATA-33/66/100
- C Floppy Disk Connector**
Supports up to four 3.5-inch or 5.25-inch floppy disk drives
360K/1.2M/1.44M/2.88M format
- D Back Panel Connectors**
- E AGP Slot**
Supports 4X, 1.5V only, AGP 2.0 compliant device.
- F PCI Slots**
PCI 2.2 Compliance PCI Controller
PCI 1-5 Master
PCI 6 Slave only for PX845EPRO & PX845E PRO II
- G CNR Slot (optional)**

Back Panel Connectors



Note The LAN Port Connector is only for PX845E PRO II only

Voice Genie/ BIOS Mirror/ AGP Protection function switch only for PX845E PRO II



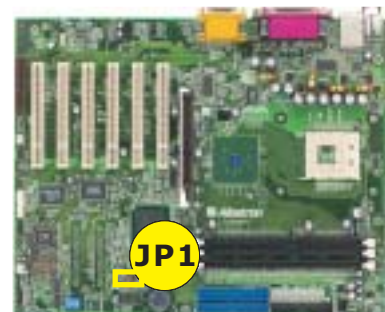
Voice Genie (SW1-1/SW1-2) AGP Protection (SW1-3) BIOS Mirror (SW1-4)

	Voice Genie	SW1-1	SW1-2
	English(default)	ON	ON
	Chinese	ON	OFF
	Japanese	OFF	ON
	German	OFF	OFF

AGP Protection	SW1-3
ENABLE(default)	ON
DISABLE	OFF

BIOS Mirror	SW1-4
NORMAL(default)	ON
RESCUE	OFF

Clear CMOS



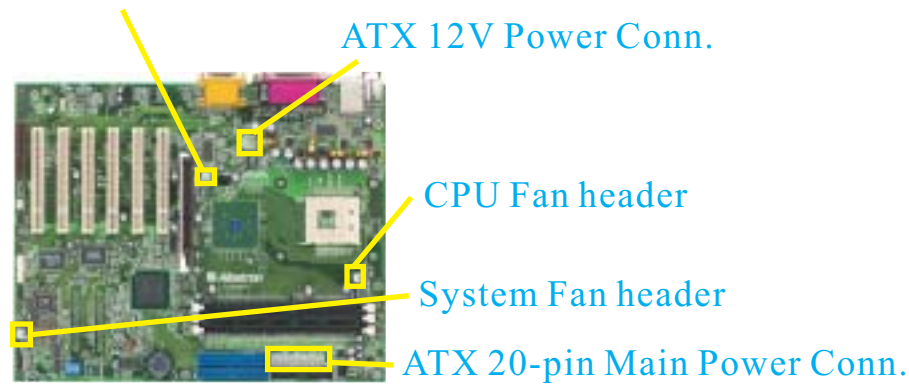
Clear CMOS (JP1)

Normal	1-2
Clear CMOS	2-3

- Note**
- Turn off your system and remove AC power line.
 - Set JP1 to OFF (2-3 Closed).
 - Wait several seconds.
 - Set JP1 to ON (1-2 Closed).
 - Connect the AC power line and turn on you system.
 - Reset your desired password or clear CMOS data.

Fan Headers / ATX Power Connectors

North_bridge Fan header

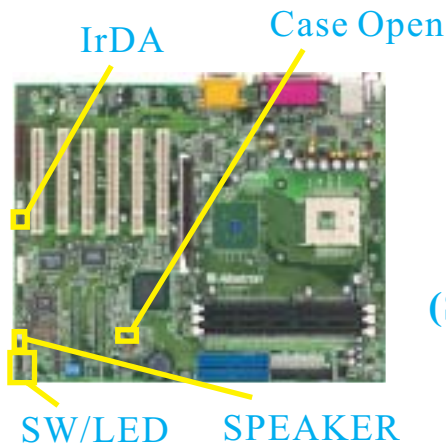


These three fan headers are the power headers to all the cooling fans on your motherboard. These fans play an important role on decreasing the temperature of your system.



The motherboard provide two power connectors, one ATX 20-pin Main Power Conn. & one ATX 12V Power Conn. Please to plug the ATX 12V Power Conn. first, then plug the ATX 20-pin Main Power Conn.

Infrared Header / SW/LED Headers / SPEAKER Header / Case Open function



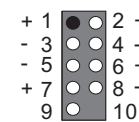
(IrDA)

- 1:NC 4:GND
- 2:NC 5:IR_RX
- 3:PWR 6:IR_TX



The IrDA connector can be configured to support wireless infrared module, it is used to attach to an infrared sensing device.

(SW/LED)



- 1&3:HD LED
- 5&7:RESET
- 2&4:PWR LED
- 6&8:PWR ON
- 9&10:NC

(SPEAKER)



- 1:PWR
- 2:NA
- 3:GND
- 4:PC_BEEP



The speaker provides error beep code information during the Power On Self-Test when the computer cannot use the video interface.

(Case Open)



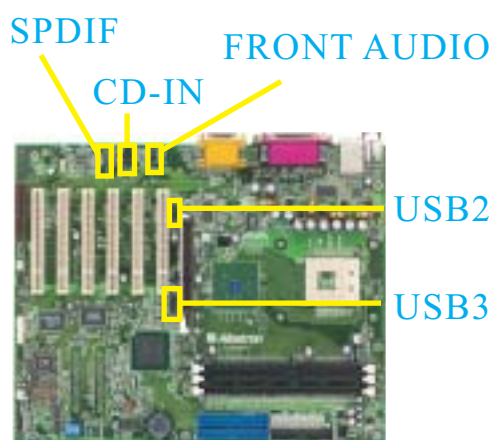
- 1:INTRUDR
- 2:GND



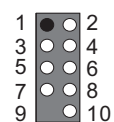
(1) If this function is set to "Enabled" in BIOS and the case have been opened, the system will show alert message when you start your computer.

(2) If this function is set to "Disabled" in BIOS, the system will not show alert message even if the case had been opened.

Front USB Headers / Front Audio Header / CD Audio IN Header / Sony Philips Digital Interface

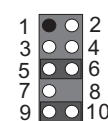


Front USB (USB2/3) (optional)



- 1&2:PWR
- 3&5:DATA0
- 4&6:DATA1
- 8:GND
- 9:NC
- 10:OVC

Front Audio (FRONT AUDIO)



- 1:MIC 6:SOUT_R
- 2:GND 7:NC
- 3:VREF 8:NC
- 4:+5V 9:SP_L
- 5:SP_R 10:SOUT_L



If your housing does not have Audio port on the front panel, please do not remove the jumper caps.

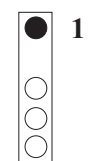
CD Audio IN (CD-IN)

- 1:Left channel Input
- 2:GND
- 3:GND
- 4:Right channel Input



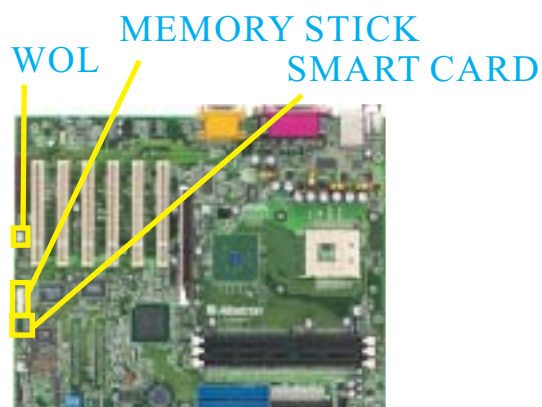
This header is used to connect CD Audio Cable from CD-ROM / DVD drive to onboard sound.

(SPDIF)

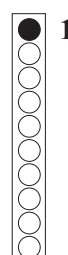


- 1:PWR
- 2:NC
- 3:SPD_OUT
- 4:GND
- 5:SPD_IN

MEMORY STICK Interface / SMART CARD Interface / Wake on LAN

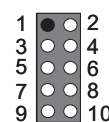


(MEMORY STICK)



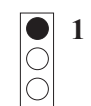
- 1: GND 6:MS4
- 2:MS1 7:MS5
- 3:PWR 8:CLK
- 4:MS2 9CTL-
- 5:MS3 10:RWLED

(SMART CARD)



- 1:PWR 6:RWLED
- 2:GND 7:IO
- 3:PWCTL8:NC
- 4:RST- 9:CLK
- 5:NC 10:PSNT

Wake on LAN (WOL)



- 1:5V_SB
- 2:GND
- 3:LANWK-

If you need detail information of this mainboard, please read the **PX845E-series USER'S MANUAL** or visit our website: <http://www.albatron.com.tw>

The figures are for reference only; please regard to the products on hand.

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