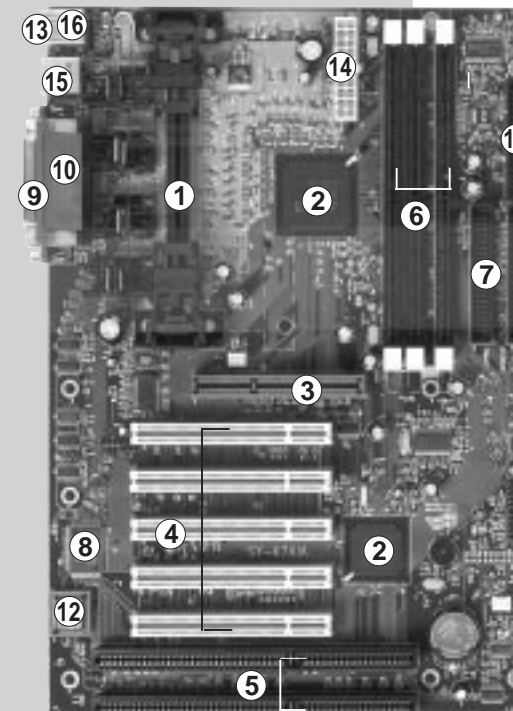


- Advanced Management Capabilities
* Software power off control, Power-on by keyboard, Power-on by Alarm, Modem Ring On

- Power Failure Resume Function



Components

- Slot-A
- AMD-750 Chipset
- 1 x AGP
- 5 x 32-bit PCI Bus slots
- 2 x 16-bit ISA Bus slots
- 3 x 168-pin DIMM DRAM sockets
- 2 x ATA Enhanced IDE ports
- Ultra I/O Chip
- 2 x Serial ports
- 1 x Parallel Printer port
- 1 x FDD port
- 2Mbit Flash ROM
- PS/2 keyboard connector
- ATX Power connector
- 2 x USB port
- PS/2 mouse connector

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Processor

Single Slot-A for AMD-K7™ Processor 500MHz - 650MHz and faster
128Kbyte L1 cache built-in
512Kbyte L2 cache built-in
200MHz System interface Speed
Auto-detect Processor Voltage
Clock multiplier 5.0 to 10
ECC Protection on system and cache interfaces

Chipset

AMD-750™ AGP chipset

System Memory

Three 168-pin SDRAM 3.3V DIMM sockets support up to 768MB
PC100 DIMM support
Provides ECC (Error Checking Correction) capability

Expansion Slots

Five 32-bit Bus Mastering PCI slots (V2.2 compliant)
Two 16-bit ISA slots (one shared ISA/PCI slot)
One AGP slot (v1.0 compliant, AGP 1X/2X)

On Board Ultra I/O Chip

Winbond W83977ATF chip
Two RS-232 serial ports (16550 UART compatible)
One parallel printer port (SPP/EPP/ECP mode)
One FDD port (Supports LS120, 3 mode, 1.2/1.44/2.88 MB FDD)
Provides IrDA port with optional cable for transceiver

Ultra DMA 33 & 66 IDE Ports

Two independent channels for four IDE devices
Supports up to PIO Mode 4 and UDMA/66
Two PCI bus mastering ATA E-IDE ports

Boot-Block Flash BIOS

AMD/Award PCI BIOS with ACPI function
Supports multiple-boot from E-IDE/SCSI/CD-ROM/FDD LS120/ZIP
2 Mbit Flash ROM

Board Dimensions

Six layers, 30.5 cm x 21 cm (12" x 8.2")
ATX form factor

Enhanced PC Health Monitoring

Winbond W83782D chip
On-board voltage monitors for +5V, -5V, +12V, -12V and processor status
System health status detect
System temperature sensor
CPU temperature monitoring through flexible thermal sensor under processor heatsink

Double Stack Back-Panel I/O Connectors

PS/2 Mini-DIN mouse & keyboard ports
Four USB ports
Two D-Sub 9-pin male serial ports
One D-Sub 25-pin female printer port

FCC Class B and CE EMI Regulation Compliant

SY-K7AIA

200MHz System Interface Speed Slot-A Based AMD-750™ ATX Motherboard



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For technical question : E-mail:support@soyo.com.tw

SOYO COMPUTER INC. (Taiwan)
Tel:886-2-22903300 Fax: 886-2-22983322
http://www.soyo.com.tw
E-mail: info@mail.soyo.com.tw

SOYO TEK INC. (USA)
Tel:1-510-226-7696 Fax: 1-510-226-9218
http://www.soyousa.com E-mail: sales@soyousa.com

SOYO EUROPE B.V. (Holland)
Tel:31-79-3637500 Fax: 31-79-3637575
http://www.soyo.nl http://www.soyo-europe.com
E-mail: sales@soyo.nl

SOYO Deutschland GmbH (Germany)
Tel:49-(0)441-209100 Fax: 49-(0)441-203422
http://www.soyo.de
E-mail: sales@soyo.de

SOYO (U.K.) LTD.
Tel:44-(0)181-569 4111 Fax: 44-(0)181-569 4134
http://www.soyo.nl
E-mail: sales@soyo.nl

SOYO HONG KONG LTD. (H.K.)
Tel:852-2710-9810 Fax: 852-2710-9078
http://www.soyo.com.hk E-mail: soyo@hkstar.com

SOYO COMPUTER 株式会社 (Japan)
Tel:81-3-33682188 Fax: 81-3-33682199
http://www.soyo.co.jp
E-mail: support@soyo.co.jp

GING MEI JEI LTD. (China)
Tel:86-10-6251-0089/91/92 Fax: 86-10-6251-0311
http://www.soyo.com.cn
E-mail: soyo@public.bta.net.cn

SOYO KOREA CO., LTD. (Korea)
Tel:82-2-716-2850 Fax: 82-2-704-2619
http://www.soyo.co.kr E-mail: soyo@soyo.co.kr