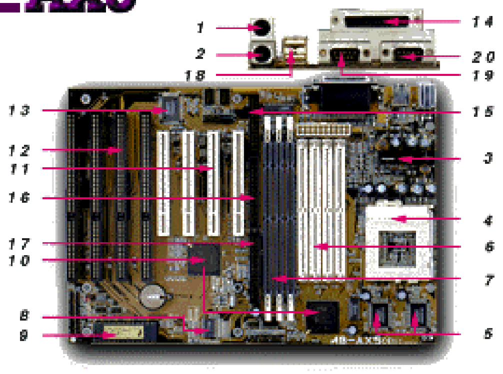
Product Info

586 / 686 Processor Based Mainboard

AX5



Download PDF File

AX5 Users Manual
File name:ax5e.pdf
--(English)
(PDF:1346KB / 90 Pages)

AX5 Catalog
File name:ax5.pdf
(PDF:197KB / 2 Pages)

AX5 586/686 Processor Based ATX Mainboard With SOFT MENU™ Technology

Based on Intel's 430TX chipset, the AX5 is uniquely designed for file servers, workstations and professional users. The AX5 provides an abundant supply of main memory, IDE interface, and high performance PCI Rev. 2.1. A combination of three 168-pin DIMM and four 72-pin SIMM sockets fullfills the memory hungry requirement of high-end computing environments. The 168-pin DIMM sockets support Synchronous, FP, and EDO DRAM. The AX5 also implements SOFT MENU™, a leading technology that eliminates all jumpers on the mainboard that set CPU parameters. With SOFT MENU end-users are able to use software to easily and correctly install their own CPU, enabling them to upgrade to a Pentium® processor with MMX™ technology, AMD-K6™ processor, or Cyrix M2™ processor.

Specifications:

- CPU
  1. No jumpers or DIP switches needed to set CPU parameters
  2. Employs switch power design to stabilize CPU operation
  3. Supports 50, 55, 60, 66, 75 MHz CPU external clock speeds
  4. Supports Intel 100-200 MHz Pentium® processors and 166~233 MHz Pentium processors with MMX technology
  5. Supports AMD-K6™/166MHz ~ 233MHz and AMD-K5™ PR100 ~ PR166 processors
  6. Supports Cyrix 6x86™ PR120+ ~ PR166+ processors
  7. Reserved circuitry for future processors

- Chipset
  1. Intel 430TX chipset (MTXC and PIIX4 chips)
  2. Supports Ultra DMA/33 IDE protocol
  3. Supports fast type-F DMA protocol
  4. Supports Advanced Configuration and Power Interface (ACPI) specification
  5. Supports OS directed power management (Windows® 95 soft power off)

6. Supports PCI Rev. 2.1

- Memory (DRAM)
  1. Three 168-pin DIMM sockets for 3.3V unbuffered DRAM modules
  2. DIMM sockets support Synchronous, EDO and FP DRAM
  3. Four 72-pin SIMM sockets
  4. SIMM sockets support EDO and FP DRAM
  5. Supports up to 256MB

- L2 Cache Memory
  1. Built-in 256K or 512K P.B. SRAM

- System BIOS
  1. Award Plug and Play BIOS support APM, DMI, and ACPI
  2. Built-in user friendly SOFT MENU™ sets all CPU parameters

- Multi I/O functions
  1. Two floppy disk driver connectors support up to 2.88MB
  2. Two IDE channels [PIO mode 0~4 and Bus Master]
  3. Built-in Standard/EPP/ECP parallel port
  4. Two built-in 16550 compatible serial ports
  5. Built-in PS/2 mouse and keyboard ports
  6. Two built-in USB ports

- Miscellaneous
  1. ATX form factor
  2. Four ISA slots and four PCI slots
  3. Supports keyboard Re-new fuse
  4. Supports NEC PC98 3-mode FDD format

---

1. PS/2 mouse port(Back to top)

2. PS/2 keyboard port(Back to top)

3. Three voltage regulators incorporate switch power design to stabilize CPU operation(Back to top)

4. Socket 7
   - Supports 50, 55, 60, 66, 75 MHz CPU external clock speeds
   - Supports 100 ~ 200 MHz Pentium® processors and 166/200 MHz Pentium processors with MMX technology
   - Supports AMD-K6™/166MHz ~ 233MHz and AMD-K5™ PR100 ~ PR166 processors
   - Supports Cyrix 6x86™ PR120+ ~ PR166+ processors
   - Reserved circuitry for future processors(Back to top)

5. Built-in 256K or 512K P. B. SRAM(Back to top)

6. Four 72-pin SIMM sockets
   - SIMM sockets support EDO and FP DRAM (Back to top)

7. Three 168-pin DIMM sockets for 3.3V unbuffered DRAM modules
   - DIMM sockets support Synchronous, EDO and FP DRAM(Back to top)

8. Clock generator chip(Back to top)

9. Award Plug and Play BIOS
   - Built-in user friendly SOFT MENT™ sets all CPU parameters
   - Supports Advanced Power Management

- Supports DMI(Back to top)

10. Intel 430TX chipset (MTXC and PIIX4 chips)
    - Supports Ultra DMA/33 IDE protocol
    - Supports fast type-F DMA protocol
    - Supports Advanced Configuration and Power Interface (ACPI) specification
    - Supports OS directed power management (Windows® 95 soft power off)
    - Supports PCI Rev. 2.1(Back to top)
11. Four PCI slots(Back to top)
12. Four ISA slots(Back to top)
13. Super I/O chip(Back to top)
14. Built-in Standard/EPP/ECP parallel port (Back to top)
15. Two floppy disk drive connectors support up to 2.88MB(Back to top)
16. Secondary IDE connector(Back to top)
17. Primary IDE connector(Back to top)
18. Two built-in USB ports(Back to top)
19. 16550 compatible serial port(COM 1)(Back to top)
20. 16550 compatible serial port(COM 2)(Back to top)

ABIT Computer Corp. Rev. 1.0

EXIT

If you have any questions about ***Product Info***, please don't hesitate to contact our product marketing department at market@abit.com.tw.

Press Release About ABIT Product Info Program Download
Employment Contact Info Award & Certificate Technological Terms
FAQ Main Home