

AI5TV

Pentium 430VX Motherboard with Baby AT Form.

Processor Socket	Socket 7
Processor	Intel P54C or P55C (MMX), up to 233MHz AMD K5 or K6, up to 200MHz Cyril 6x86L or 6x86MX, up to PR200
Chipset	430VX PCIset
L2 Cache	Onboard 256KB or 512KB (<i>manufacturing option</i>)
BIOS	1Mbit flash EPROM with: DMI 2.0, Plug and Play
System Memory	Memory Capacity: 128MB Memory Sockets: Two 72-pin SIMMs and two 168-pin DIMM Memory Types: EDO or SDRAM
Power Management	APM 1.2
Onboard IDE	Supports PIO Mode 0-4, DMA Mode 0-2 Two channels for up to 4 IDE devices Bus Master
Onboard I/O	Winbond 877 with: One Floppy Controller (2.88MB) Two Serial Ports (16550 UART compatible) One Parallel Port (ECP/EPP)
Onboard Audio (<i>manufacturing option</i>)	ESS ES1868 audio: PC 97 compliant, PnP, 16-bit decode, full duplex
USB	Two onboard USB headers
Expansion Slots	Three 32-bit PCI slots Three 16-bit ISA slots One shared PCI/ISA slot
Board Size	3/4 Baby AT Form Factor 11" x 8.6"

AI5TV Jumper Settings

SW1: AT Bus Clock Select

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	SW1	AT Clock
OFF		PCI Clock/3
ON		PCI Clock/4 (Default Setting)

SW2: CPU Voltage Select

SW2: CPU Voltage Select

	SW2	JP25	CPU Type	Vcore	Vio
ON		ON	P54C Pentium	3.5v	3.5v
OFF		OFF		2.8v	3.3v

SW3, SW5, SW6, SW7, SW8: CPU Frequency Select

For Intel CPUs

	SW3	SW5	SW6	SW7	SW8	Bus Clock	CPU
ON		OFF	OFF	ON	ON	50MHz	Pentium 75Z
ON		OFF	OFF	ON	OFF	60MHz	Pentium 90Z
ON		OFF	OFF	OFF	ON	66MHz	Pentium 100Z
ON		OFF	ON	ON	OFF	60MHz	Pentium 120Z
ON		OFF	ON	OFF	ON	66MHz	Pentium 133Z

ON	ON	ON	ON	OFF	60MHz Pentium 150Z
ON	ON	ON	OFF	ON	66MHz Pentium 166Z
ON	ON	OFF	OFF	ON	66MHz Pentium 200Z

For Cyrix 6x86 CPUs

SW3	SW5	SW6	SW7	SW8	Bus Clock	CPU
ON	OFF	ON	ON	ON	50MHz	6x86-P120+ (100MHz)
OFF	OFF	ON	ON	ON	55MHz	6x86-P133+ (110MHz)
ON	OFF	ON	OFF	OFF	60MHz	6x86-P150+ (120MHz)
ON	OFF	OFF	ON	ON	66MHz	6x86-P166+ (133MHz)

For AMD K5 CPUs

SW3	SW5	SW6	SW7	SW8	Bus Clock	Multiplier	CPU
ON	OFF	OFF	ON	ON	50MHz	1.5	K5-PR75
ON	OFF	OFF	OFF	OFF	60MHz	1.5	K5-PR90/PR120
ON	OFF	OFF	OFF	ON	66MHz	1.5	K5-PR100/PR133

W6: CMOS RAM Discharge

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W6

Function

OFF

Normal Operation

ON

Clear CMOS content

JP4: Flash ROM BIOS Voltage Select

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	JP4	Flash ROM Type
1-2		12V Programming (Intel brand)
2-3		5V Programming (SST brand)

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