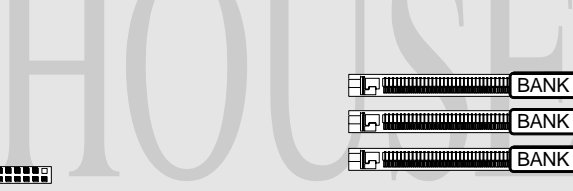


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NPU Options



CONNECTIONS			
Purpose		Location	
Purpose	Location	Purpose	Location
32-bit VESA Local bus slots	J1 & J2	Turbo switch	S6
Turbo LED	S1	IDE interface	S10
Reset switch	S2	Floppy drive interface	S11
Hard drive LED	S3	Parallel port	S12
Speaker	S4	Serial port 1	S13
Power LED & keylock	S5	Serial port 2	S14

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Factory configured - do not alter	JP6	Closed
í Monitor type select monochrome, VGA or EGA	JP16	Open
Monitor type select CGA	JP16	Closed
í IDE interface enabled	JP17	Open
IDE interface disabled	JP17	Closed
í Factory configured - do not alter	JP18	Closed
í Parallel port select interrupt IRQ7	JP22	pins 1 & 2 closed
Parallel port select interrupt IRQ5	JP22	pins 2 & 3 closed
í Factory configured - do not alter	JP27	Closed
í Flash BIOS write protect disabled	JP28	pins 1 & 2 closed
Flash BIOS write protect enabled	JP28	pins 2 & 3 closed
í Factory configured - do not alter	JP31	Closed
í Normal password operation	JP32	Open
BIOS password clear	JP32	Closed

DRAM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
2MB	(1) 512K x 36	None	None
4MB	(1) 512K x 36	None	(1) 512K x 36
4MB	(1) 1M x 36	None	None
6MB	(1) 512K x 36	None	(1) 1M x 36
8MB	(1) 1M x 36	(1) 1M x 36	None
8MB	(1) 2M x 36	None	None
12MB	(1) 1M x 36	(1) 1M x 36	(1) 1M x 36
12MB	(1) 2M x 36	None	(1) 1M x 36
16MB	(1) 2M x 36	None	(1) 2M x 36
16MB	(1) 4M x 36	None	None
20MB	(1) 1M x 36	(1) 4M x 36	None
24MB	(1) 1M x 36	(1) 1M x 36	(1) 4M x 36
24MB	(1) 2M x 36	None	(1) 4M x 36
32MB	(1) 4M x 36	(1) 4M x 36	None
40MB	(1) 1M x 36	(1) 1M x 36	(1) 8M x 36
40MB	(1) 2M x 36	None	(1) 8M x 36
48MB	(1) 4M x 36	(1) 4M x 36	(1) 4M x 36
48MB	(1) 8M x 36	None	(1) 4M x 36
64MB	(1) 4M x 36	(1) 4M x 36	(1) 8M x 36
64MB	(1) 8M x 36	None	(1) 8M x 36

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CACHE SIZE JUMPER CONFIGURATION									
Size	JP7	JP8	JP9	JP10	JP11	JP12	JP13	JP14	JP15
64KB	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	1 & 2	2 & 3
128KB	1 & 2	1 & 2	2 & 3	2 & 3	2 & 3	1 & 2	1 & 2	1 & 2	1 & 2
256KB	2 & 3	1 & 2	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3
256KB	2 & 3	2 & 3	2 & 3	2 & 3	2 & 3	1 & 2	2 & 3	2 & 3	1 & 2

Note: Pins designated should be in the closed position.

CACHE SIZE AND SRAM LOCATIONS				
Cache Size	Bank 0	Bank 1	TAG	Dirty Bit
64KB	(4) 8K x 8	(4) 8K x 8	(1) 8K x 8	(1) 16K x 1
128KB	(4) 32K x 8	None	(1) 32K x 8	(1) 16K x 1
256KB	(4) 32K x 8	(4) 32K x 8	(1) 32K x 8	(1) 16K x 1
512KB	(4) 128K x 8	None	(1) 32K x 8	(1) 16K x 4

CPU EXTERNALCLOCK SPEED			
Speed	JP3	JP4	JP5
20MHz	Open	Closed	Closed
25MHz	Closed	Open	Closed
33MHz	Closed	Closed	Open
40MHz	Open	Open	Closed
50i MHz	Closed	Open	Closed
50MHz	Open	Closed	Open
66i MHz	Closed	Closed	Open

CPU TYPE		
Type	JP1	JP2
80486SX	Open	pins 2 & 3 closed
80487SX	pins 2 & 3 closed	pins 1 & 2 and 3 & 4 closed
80486DX	pins 1 & 2 closed	pins 1 & 2 and 3 & 4 closed
ODP486SX	pins 2 & 3 closed	pins 1 & 2 and 3 & 4 closed
80486DX2	pins 1 & 2 closed	pins 1 & 2 and 3 & 4 closed
Pentium Overdrive	pins 1 & 2 closed	pins 1 & 2 and 3 & 4 closed

IDE RECOVERY TIME		
Time	JP29	JP30
300ns	Closed	Closed
240ns	Open	Closed
180ns	Closed	Open
120ns	Open	Open

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SCSI ADDRESS		
Address	W1/pins 3 & 4	W1/pins 5 & 6
DC000h enabled	Closed	Closed
DC000h disabled	Closed	N/A
DC8000h enabled	N/A	Closed
DC8000h disabled	Closed	Closed

SCSI PORT CONFIGURATION				
Setting	IRQ	W1/1 & 2	W1/7 & 8	W1/9 & 10
í Enabled	í 11	Closed	Closed	Open
Disabled	10	Open	Open	Closed