EVEREX SYSTEMS, INC.
STEP SP/PRO

Processor	Pentium Pro
Processor Speed	150/166/180/200MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	256MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB (on Pentium Pro CPU)
BIOS	Unidentified
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, serial ports (2), IR connector, VRM connector
NPU Options	None
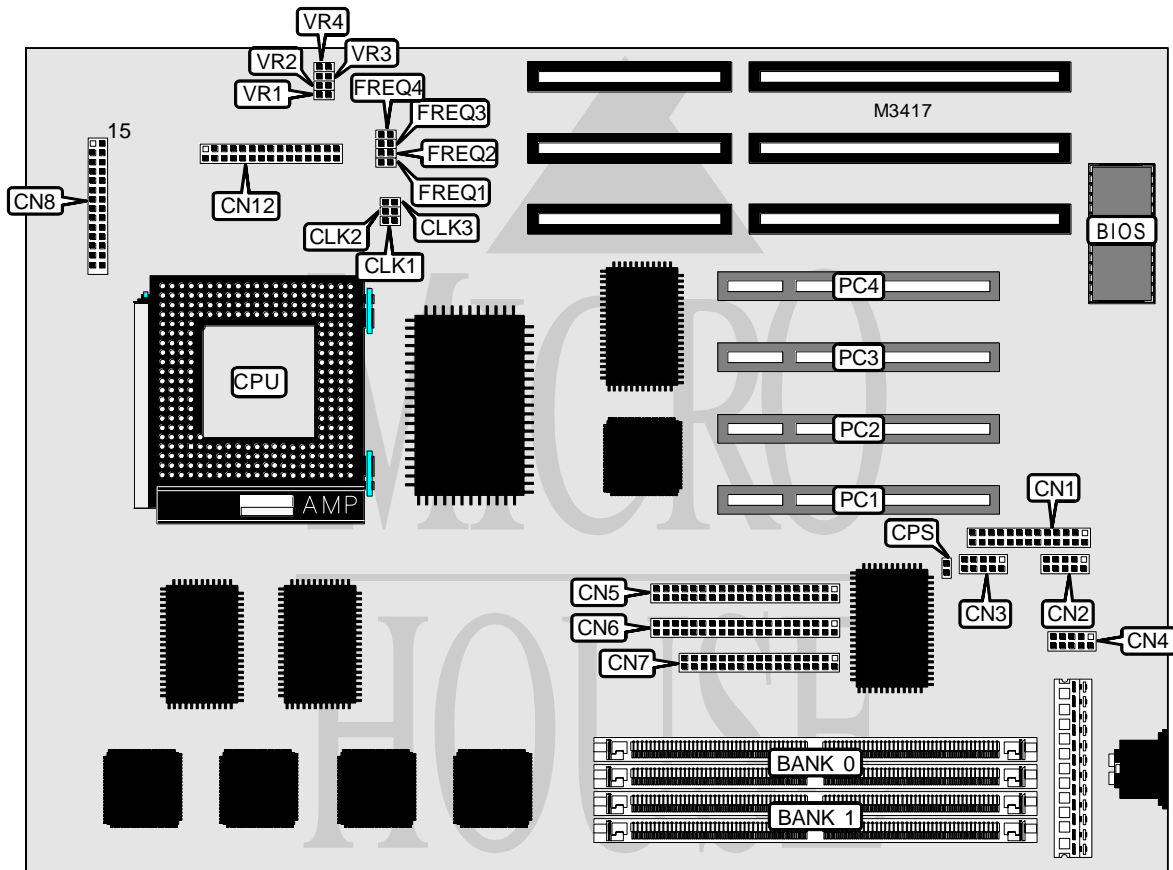
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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
Parallel port	CN1	Turbo LED	CN8 pins 7 & 8
Serial port 1	CN2	Green PC connector	CN8 pins 10 & 11
Serial port 2	CN3	Speaker	CN8 pins 15 - 18
IR connector	CN4	IDE interface LED	CN8 pins 20 & 21
IDE interface 2	CN5	Reset switch	CN8 pins 27 & 28
IDE interface 1	CN6	VRM connector	CN12
Floppy drive interface	CN7	32-bit PCI slots	PC1 - PC4
Power LED & keylock	CN8 pins 1 - 5		

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Password normal operation	CPS	Open
Password clear	CPS	Closed

DRAM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	None
256MB	(2) 16M x 36	(2) 16M x 36

CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium Pro CPU.

CPU SPEED SELECTION					
CPU speed	**Clock speed**	**Multiplier**	**CLK1**	**CLK2**	**CLK3**
150MHz	60MHz	2.5x	Closed	Closed	Open
166MHz	66MHz	2.5x	Closed	Open	Open
180MHz	60MHz	3x	Closed	Closed	Open
200MHz	66MHz	3x	Closed	Open	Open

CPU SPEED SELECTION (CON'T)					
CPU speed	**Clock speed**	**Multiplier**	**FREQ1**	**FREQ2**	**FREQ3**	**FREQ4**
150MHz	60MHz	2.5x	Open	Closed	Closed	Closed
166MHz	66MHz	2.5x	Open	Closed	Closed	Closed
180MHz	60MHz	3x	Closed	Closed	Open	Closed
200MHz	66MHz	3x	Closed	Closed	Open	Closed

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CPU VOLTAGE SELECTION				
Voltage	**VR1**	**VR2**	**VR3**	**VR4**
2.9v	Closed	Open	Open	Closed
3v	Open	Closed	Open	Closed
3.1v	Closed	Closed	Open	Closed
3.2v	Open	Open	Closed	Closed
3.3v	Closed	Open	Closed	Closed
3.4v	Open	Closed	Closed	Closed