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ADVANTAGE! 9000 SERIES

Processor	Pentium
Processor Speed	75/90/100/120/133/150/166/180/200MHz
Chip Set	Unidentified
Video Chip Set	S3
Maximum Onboard Memory	128MB
Maximum Video Memory	2MB
Cache	256KB
BIOS	Unidentified
Dimensions	254mm x 218mm
I/O Options	CD-ROM connector, floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), Video pass through connector, VGA port, riser slot, IR connector, audio in connector, audio out connector, microphone in connector, MIDI/joystick port, modem voice connector, wavetable connector, front panel power connector
NPU Options	None
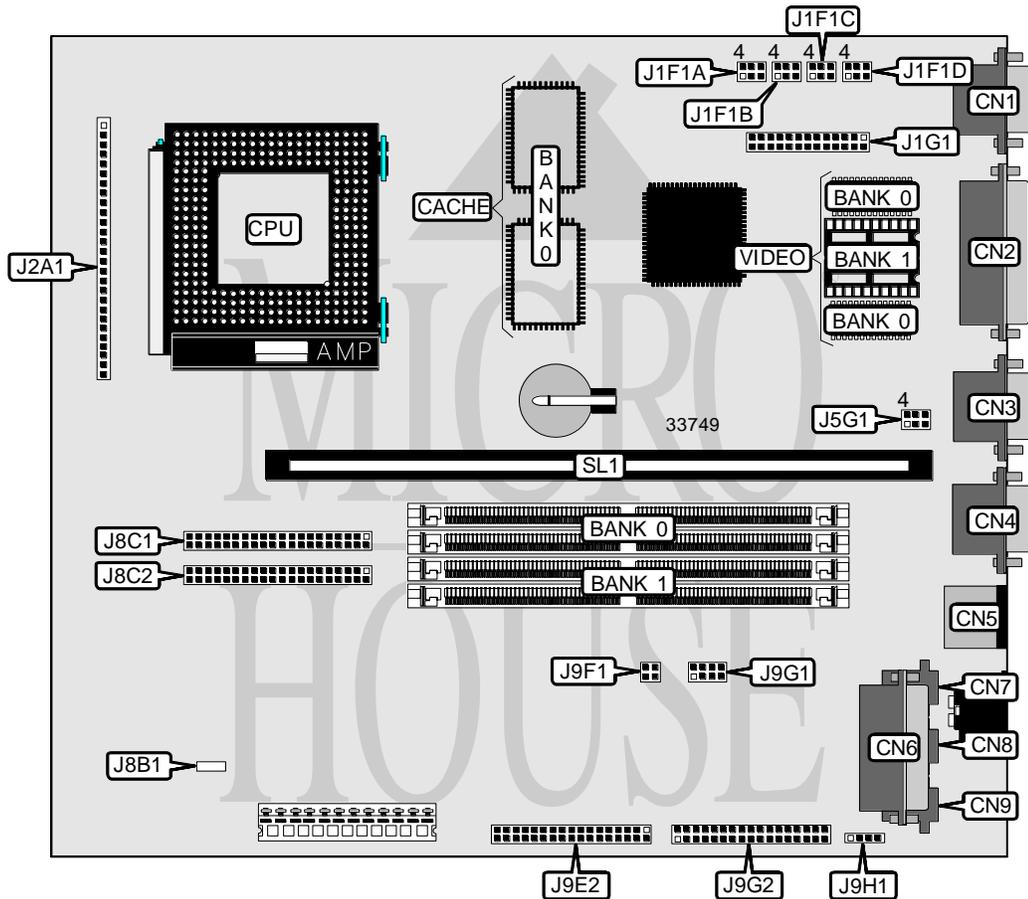
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CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
VGA port	CN1	Front panel power connector	J2A1 pins 14 & 15
Parallel port	CN2	IDE interface LED	J2A1 pins 16 - 19
Serial port	CN3	Power LED	J2A1 pins 20 - 23
Serial port	CN4	Reset switch	J2A1 pins 24 - 26
PS/2 mouse port	CN5	Chassis fan power	J2A1 pins 27 - 29
MIDI/joystick port	CN6	IDE interface 2	J8C1
Audio out connector	CN7	IDE interface 1	J8C2
Audio in connector	CN8	Floppy drive interface	J9E2
Microphone in connector	CN9	Modem voice connector	J9F1
Video pass through connector	J1G1	CD-ROM connector	J9H1
Speaker	J2A1 pins 1 - 4	Wavetable connector	J9G1
IR connector	J2A1 pins 5 - 10	MIDI/sound connector	J9G2
Green PC connector	J2A1 pins 11 - 13	Riser slot	SL1

USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
í Password normal operation	J1F1A	Pins 1 & 2 closed
Password clear	J1F1A	Pins 2 & 3 closed
í CMOS memory normal operation	J1F1A	Pins 4 & 5 closed
CMOS memory clear	J1F1A	Pins 5 & 6 closed
í Setup access enabled	J1F1B	Pins 1 & 2 closed
Setup access disabled	J1F1B	Pins 2 & 3 closed
í Factory configured - do not alter	J5G1	Pins 1 & 2, 4 & 5 closed
í Factory configured - do not alter	J8B1	Unidentified

DRAM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
8MB	(2) 1M x 36	None
16MB	(2) 2M x 36	None
16MB	(2) 1M x 36	(2) 1M x 36
24MB	(2) 2M x 36	(2) 1M x 36
32MB	(2) 4M x 36	None
32MB	(2) 2M x 36	(2) 2M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None
64MB	(2) 4M x 36	(2) 4M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36

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CACHE CONFIGURATION	
Size	**Bank 0**
256KB	(2) 32K x 32

VIDEO MEMORY CONFIGURATION		
Size	**Bank 0**	**Bank 1**
1MB	1MB	None
2MB	1MB	(2) 256K x 16
Note: Bank 0 is factory installed and is not configurable.		

CPU SPEED SELECTION				
CPU speed	**Clock speed**	**Multiplier**	**J1F1C**	**J1F1D**
75MHz	50MHz	1.5x	2 & 3, 5 & 6	1 & 2, 4 & 5
90MHz	60MHz	1.5x	2 & 3, 4 & 5	1 & 2, 4 & 5
100MHz	66MHz	1.5x	1 & 2, 5 & 6	1 & 2, 4 & 5
120MHz	60MHz	2x	2 & 3, 4 & 5	2 & 3, 4 & 5
133MHz	66MHz	2x	1 & 2, 5 & 6	2 & 3, 4 & 5
150MHz	60MHz	2.5x	2 & 3, 4 & 5	2 & 3, 5 & 6
166MHz	66MHz	2.5x	1 & 2, 5 & 6	2 & 3, 5 & 6
180MHz	60MHz	3x	2 & 3, 4 & 5	1 & 2, 5 & 6
200MHz	66MHz	3x	1 & 2, 5 & 6	1 & 2, 4 & 5
Note: Pins designated should be in the closed position.				

CPU TYPE SELECTION	
Type	**J1F1B**
Standard (3.3v)	Pins 5 & 6 closed
VRE (3.6v)	Pins 4 & 5 closed