MPL
I P M 4 8 6

Processor	AM486DX
Processor Speed	50/66/75/90/100/120/133MHz
Chip Set	OPTI
Video Chip Set	OPTI
Maximum Onboard Memory	64MB (EDO supported)
Maximum Video Memory	1MB
Cache	None
BIOS	Unidentified
Dimensions	160mm x 100mm
I/O Options	Floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2), VGA port, PC/104 connectors (2)
NPU Options	None
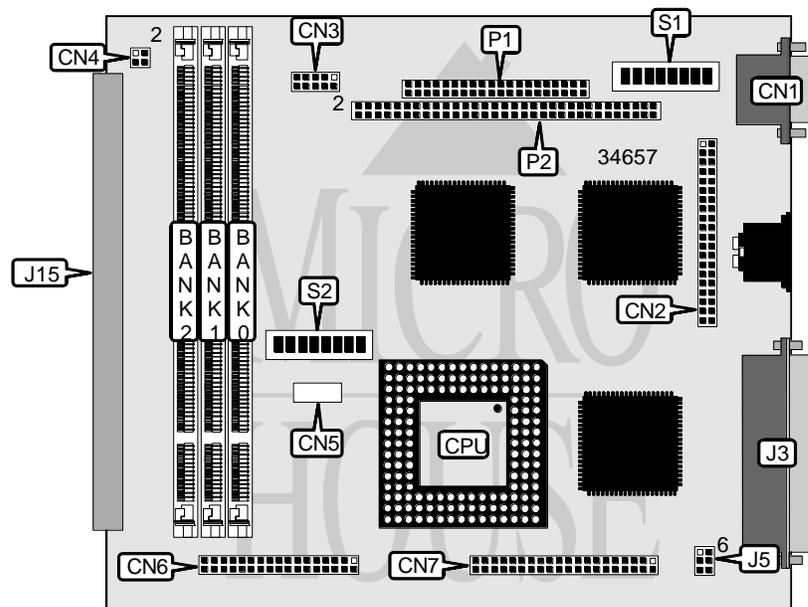
CONNECTIONS			
Purpose	**Location**	**Purpose**	**Location**
VGA port	CN1	IDE interface	CN7
Front panel connector	CN2	Parallel, serial, PS/2 mouse	J3
CAN CONNECTOR	CN3	Reset, green PC, speaker	J5
External power	CN4	G-96 bus connector	J15
ISP connector	CN5	PC/104 connector	P1
Floppy drive interface	CN6	PC/104 connector	P2

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USER CONFIGURABLE SETTINGS		
Function	**Label**	**Position**
Dual scan panel installed	S1/1	On
Single scan panel installed	S1/1	Off
STN panel installed	S1/4	On
TFT panel installed	S1/4	Off
Video resolution select 640 x 480	S1/5	On
Video resolution select 800 x 600 & 1024 x 768	S1/5	Off
í VGA address select 46C8h	S1/8	Off
VGA address select 03C3h	S1/8	On
í BIOS write protect enabled	S2/6	Off
BIOS write protect disabled	S2/6	On
í BIOS normal operation	S2/7	Off
BIOS update enabled	S2/7	On
í Internal battery enabled	S2/8	On
Internal battery disabled	S2/8	Off

DIMM CONFIGURATION		
Size	**Bank 0**	**Bank 1**
8MB	(1) 1M x 64	None
16MB	(1) 2M x 64	None
16MB	(1) 1M x 64	(1) 1M x 64
24MB	(1) 2M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None
32MB	(1) 2M x 64	(1) 2M x 64
40MB	(1) 4M x 64	(1) 1M x 64
48MB	(1) 4M x 64	(1) 2M x 64
64MB	(1) 4M x 64	(1) 4M x 64

FLASH MEMORY CONFIGURATION	
Size	**Bank 2**
8MB	(1) 1M x 64
16MB	(1) 2M x 64

VIDEO MEMORY CONFIGURATION
Note: Board is factory installed with 1MB of video memory. The location is unidentified.

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CPU SPEED SELECTION				
CPU speed	**System speed**	**S2/1**	**S2/2**	**SW/3**
50MHz	16.7MHz	Off	Off	Off
66MHz	16.7MHz	On	Off	Off
75MHz	25MHz	Off	On	Off
90MHz	30MHz	Off	On	On
100MHz	25MHz	On	On	Off
100MHz	33.3MHz	Off	Off	On
120MHz	30MHz	On	On	On
133MHz	33.3MHz	On	Off	On

FLASH SELECTION		
Setting	**S2/4**	**S2/5**
í No flash disk installed	Off	Off
Flash mirror C8000 - CFFFF	On	Off
Flash mirror D0000 – D7FFF	Off	On
Flash mirror D8000 - DFFFF	On	On

STN SELECTION		
Setting	**S1/2**	**S1/3**
STN mono 4-bit (single) mono 8-bit (dual)	On	On
STN mono 8-bit (single)	On	Off
STN color 8-bit	Off	On
STN color 16-bit	Off	Off

LINE PULSE SELECTION		
Setting	**S1/6**	**S1/7**
240 line pulses/frame	On	On
242 line pulses/frame	On	Off
244 line pulses/frame	Off	On
800 x 600 panel (STN or TFT)	Off	Off