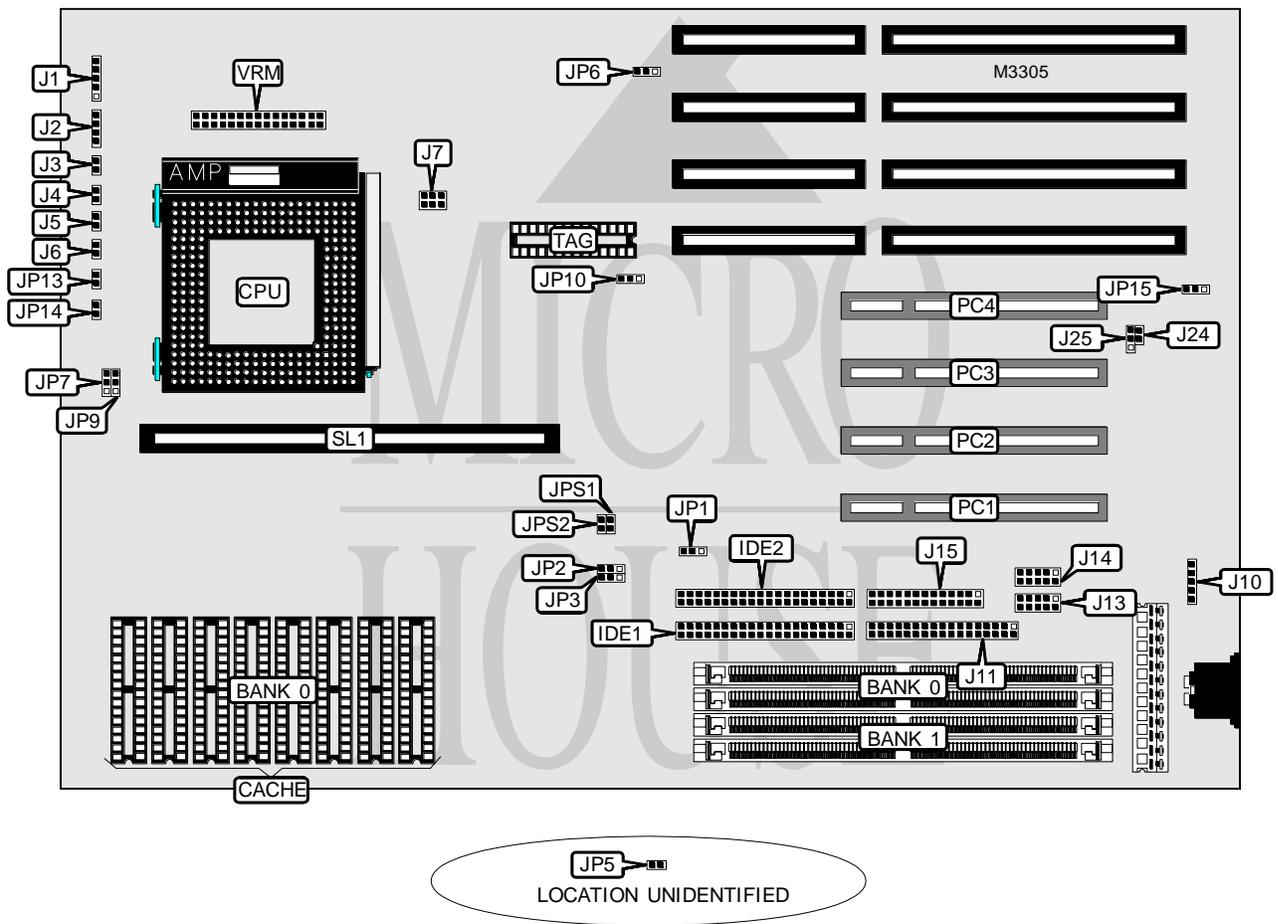


NIAGARA SMD TECHNOLOGY, INC.

NT924

Processor	Pentium
Processor Speed	75/90/100/120/133/150/166MHz
Chip Set	Intel
Maximum Onboard Memory	128MB (EDO DRAM supported)
Cache	256/512KB
BIOS	Award/Phoenix
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse interface, serial ports (2), VRM connector, cache slot
NPU Options	None



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CONNECTIONS			
Function	Label	Function	Label
IDE interface 1	IDE1	PS/2 mouse interface	J10
IDE interface 2	IDE2	Floppy drive interface	J11
Power LED & keylock	J1	Serial port 1	J13
Speaker	J2	Serial port 2	J14
Reset switch	J3	Parallel port	J15
Turbo switch	J4	IDE interface LED	JP5
Turbo LED	J5	32-bit PCI slots	PC1 - PC4
Green PC LED	J6	VRM connector	VRM
Chassis fan power	J7	Cache slot	SL1

USER CONFIGURABLE SETTINGS		
Setting	Label	Position
í On board I/O enabled	J24	Open
On board I/O disabled	J24	Closed
í IDE interface 1 IRQ select IRQ14	JP2	Pins 1 & 2 closed
IDE interface 1 IRQ select none	JP2	Pins 2 & 3 closed
í IDE interface 2 IRQ select IRQ15	JP3	Pins 1 & 2 closed
IDE interface 2 IRQ select none	JP3	Pins 2 & 3 closed
í Flash BIOS voltage select 5v	JP6	Pins 1 & 2 closed
Flash BIOS voltage select 12v	JP6	Pins 2 & 3 closed
í Jumper information unavailable	JP13	N/A
í Jumper information unavailable	JP14	N/A
í Keyboard clock speed select 8MHz	JP15	Pins 1 & 2 closed
Keyboard clock speed select 12MHz	JP15	Pins 2 & 3 closed

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

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DRAM (CON'T)		
Size	Bank 0	Bank 1
72MB	(2) 8M x 32	(2) 1M x 32
72MB	(2) 1M x 32	(2) 8M x 32
80MB	(2) 8M x 32	(2) 2M x 32
80MB	(2) 2M x 32	(2) 8M x 32
96MB	(2) 8M x 32	(2) 4M x 32
96MB	(2) 4M x 32	(2) 8M x 32
128MB	(2) 8M x 32	(2) 8M x 32

Note: Board accepts EDO memory. Board also accepts x 36 SIMMs.

CACHE SIZE			
Size	Bank 0	TAG	SL1
256KB (A)	(8) 32K x 8	(1) 8K/16K x 8	Not installed
256KB (B)	None	None	Installed
512KB (A)	(8) 64K x 8	(1) 16k/32K x 8	Not installed
512KB (B)	None	None	Installed

CACHE JUMPER	
Size	JP10
256KB (A/B)	Pins 1 & 2 closed
512KB (A/B)	Pins 2 & 3 closed

CPU SPEED					
Setting	J25	JP7	JP9	JPS1	JPS2
75MHz	1 & 2	2 & 3	2 & 3	Open	Open
90MHz	2 & 3	2 & 3	2 & 3	Closed	Open
100MHz	2 & 3	2 & 3	2 & 3	Closed	Closed
120MHz	2 & 3	1 & 2	2 & 3	Closed	Open
133MHz	2 & 3	1 & 2	2 & 3	Closed	Closed
150MHz	2 & 3	1 & 2	1 & 2	Closed	Open
166MHz	2 & 3	1 & 2	1 & 2	Closed	Closed

Note: Pins designated should be in the closed position.

CPU TYPE	
Setting	JP1
P54C	Pins 1 & 2 closed
P55C	Pins 2 & 3 closed