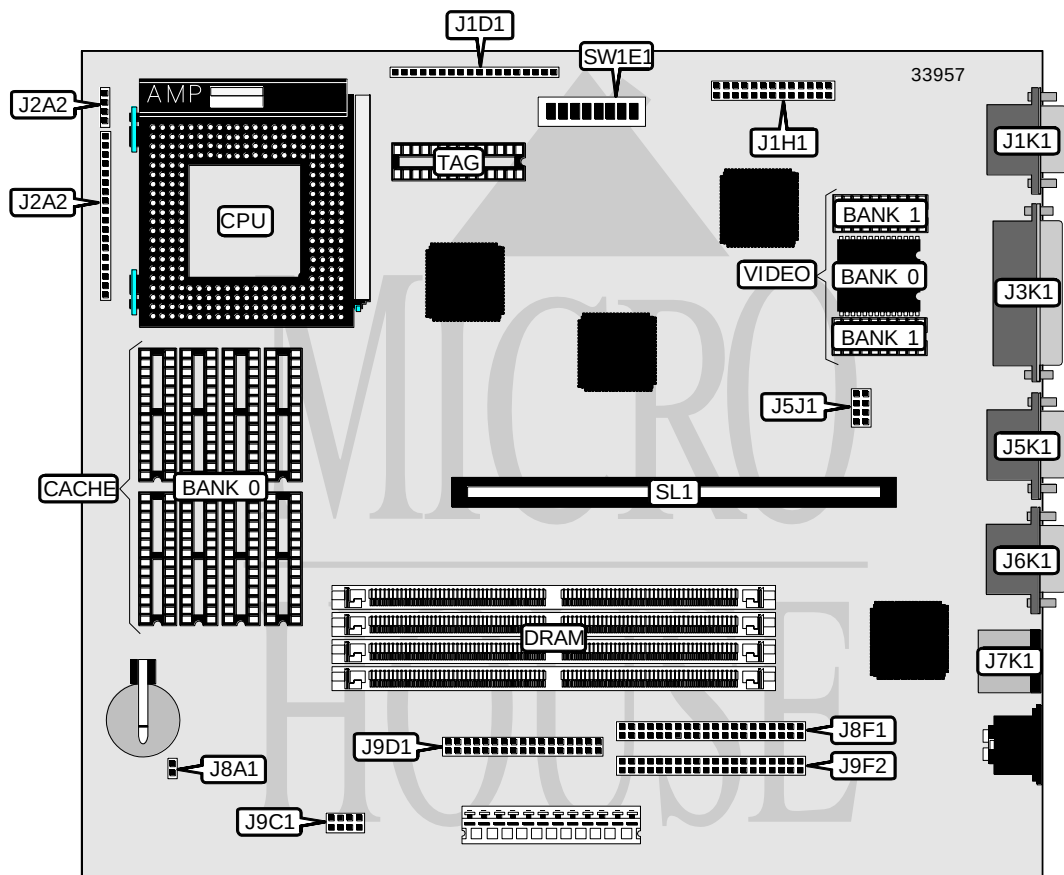


IBM CORPORATION

APTIVA 2144 TYPE G-1

Processor	Pentium
Processor Speed	75/90/100MHz
Chip Set	Unidentified
Video Chip Set	Unidentified
Maximum Onboard Memory	128MB
Maximum Video Memory	2MB
Cache	256/512KB
BIOS	Unidentified
Dimensions	254mm x 218mm
I/O Options	Floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VESA feature connector, VGA port, riser slot
NPU Options	None



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IBM CORPORATION

APTIVA 2144 TYPE G-1

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CONNECTIONS			
Purpose	Location	Purpose	Location
Front panel connector	J1D1	Serial port	J6K1
VGA port	J1K1	PS/2 mouse port	J7K1
VESA feature connector	J1H1	IDE interface 2	J8F1
Front panel connector	J2A2	Floppy drive interface	J9D1
Parallel port	J3K1	IDE interface 1	J9F2
Serial port	J5K1	Riser slot	SL1

USER CONFIGURABLE SETTINGS		
Function	Label	Position
? Flash BIOS normal operation	J5J1	Pins 1 & 3 closed
Flash BIOS clear	J5J1	Pins 1 & 2 closed
? Factory configured - do not alter	J8A1	Unidentified
? Password enabled	SW1E1/3	Off
Password disabled	SW1E1/3	On
? CMOS memory normal operation	SW1E1/4	Off
CMOS memory clear	SW1E1/4	On
? Factory configured - do not alter	SW1E1/5	Off

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
Note: Board accepts x 32 SIMMs. The location of banks 0 & 1 are unidentified.		

CACHE CONFIGURATION		
Size	Bank 0	TAG
256KB	(8) 32K x 8	(1) 32K x 8
512KB	(8) 64K x 8	(1) 32K x 8

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APTIVA 2144 TYPE G-1

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CACHE SWITCH CONFIGURATION		
Size	SW1E1/1	SW1E1/2
None	On	N/A
256KB	Off	Off
512KB	Off	On

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

CPU SPEED SELECTION					
CPU speed	Clock speed	Multiplier	SW1E1/6	SW1E1/7	SW1E1/8
75MHz	50MHz	1.5x	Off	Off	Off
90MHz	60MHz	1.5x	Off	On	Off
100MHz	66MHz	1.5x	Off	Off	On

CPU TYPE SELECTION	
Type	J9C1
Standard	Pins 1 & 3 closed
VRE	Pins 5 & 7 closed

ISA BUS SPEED SELECTION				
CPU speed	ISA 1/6	ISA 1/8	J5J1 (ISA 1/6)	J5J1 (ISA 1/8)
75MHz	8.33MHz	6.25MHz	Pins 5 & 7 open	Pins 5 & 7 closed
90MHz	10MHz	7.5MHz	Pins 5 & 7 open	Pins 5 & 7 closed
100MHz	11MHz	8.25MHz	Pins 5 & 7 open	Pins 5 & 7 closed