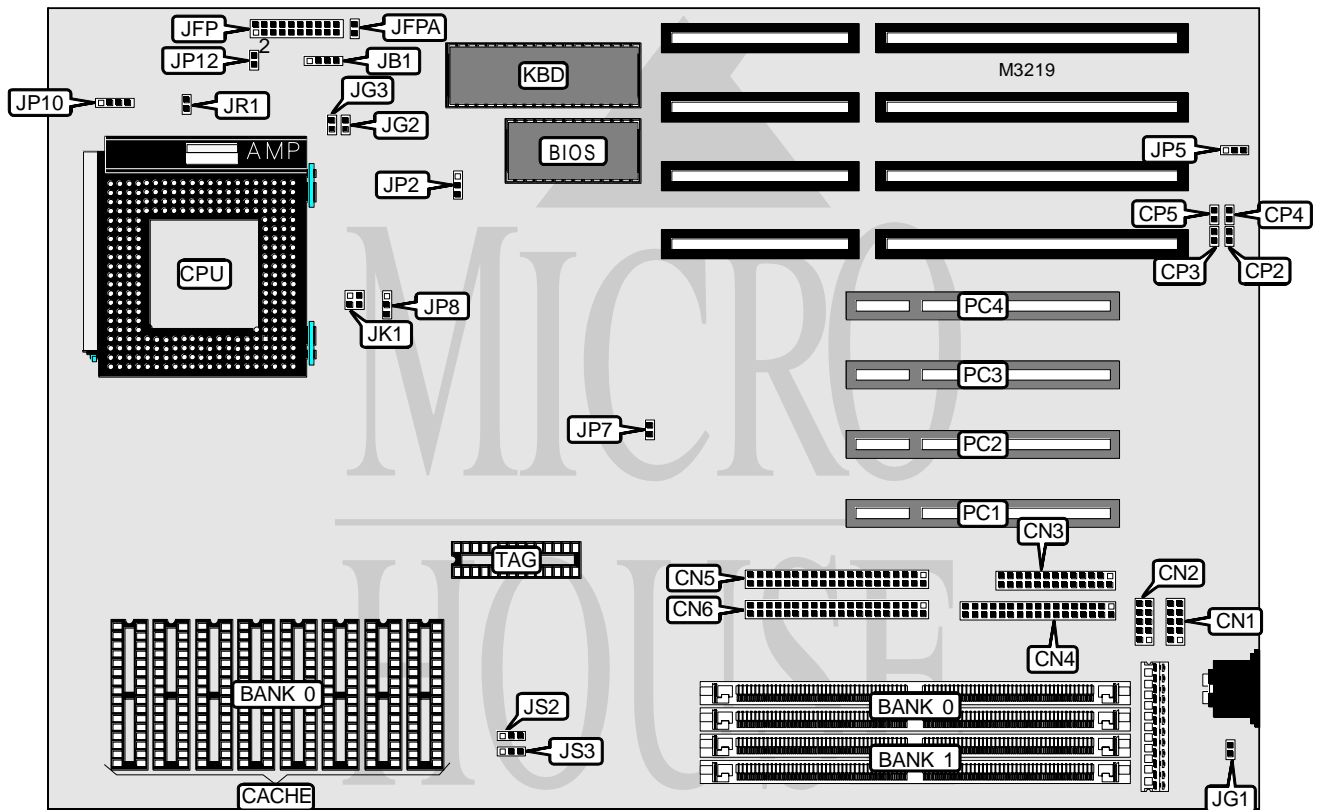


COMPUTREND SYSTEMS, INC. PCI PENTIUM AL4

Processor	Pentium
Processor Speed	75/90/100/120MHz
Chip Set	ALI
Max. Onboard DRAM	128MB
Cache	256/512/1024KB
BIOS	AMI
Dimensions	330mm x 220mm
I/O Options	32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, serial ports (2)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Serial port 1	CN1	Turbo LED	JFP pins 12 & 13
Serial port 2	CN2	Turbo switch	JFP pins 15 - 17
Parallel port	CN3	Reset switch	JFP pins 19 & 20
Floppy drive interface	CN4	IDE interface LED	JFPA
IDE interface 2	CN5	Green PC connector (monitor)	JG1
IDE interface 1	CN6	Green PC LED	JG2
External battery	JB1	Green PC connector	JG3
Power LED & keylock	JFP pins 1 - 5	Chassis fan power	JP10
Speaker	JFP pins 7 - 10	32-bit PCI slots	PC1 - PC4

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PCI PENTIUM AL4

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í Battery type select internal	JB1	Pins 2 & 3 closed
Battery type select external	JB1	Closed
CMOS memory clear	JB1	Pins 3 & 4 closed
í Flash BIOS voltage select 12v	JP2	Pins 1 & 2 closed
Flash BIOS voltage select 5v	JP2	Pins 2 & 3 closed
í Power good signal detect from board	JP5	Pins 2 & 3 closed
Power good signal detect from power supply	JP5	Pins 1 & 2 closed
IDE interface enabled	JP7	Open
IDE interface disabled	JP7	Closed
í Factory configured - do not alter	JP8	N/A

DRAM CONFIGURATION		
Size	Bank 0	Bank 1
2MB	(2) 256K x 36	NONE
4MB	(2) 512K x 36	NONE
4MB	(2) 256K x 36	(2) 256K x 36
6MB	(2) 512K x 36	(2) 256K x 36
6MB	(2) 256K x 36	(2) 512K x 36
8MB	(2) 1M x 36	NONE
8MB	(2) 512K x 36	(2) 512K x 36
10MB	(2) 1M x 36	(2) 256K x 36
10MB	(2) 256K x 36	(2) 1M x 36
12MB	(2) 1M x 36	(2) 512K x 36
12MB	(2) 512K x 36	(2) 1M x 36
16MB	(2) 2M x 36	NONE
16MB	(2) 1M x 36	(2) 1M x 36
18MB	(2) 2M x 36	(2) 256K x 36
18MB	(2) 256K x 36	(2) 2M x 36
20MB	(2) 2M x 36	(2) 512K x 36
20MB	(2) 512K x 36	(2) 2M x 36
24MB	(2) 2M x 36	(2) 1M x 36
24MB	(2) 1M x 36	(2) 2M x 36
32MB	(2) 4M x 36	NONE
32MB	(2) 2M x 36	(2) 2M x 36
34MB	(2) 4M x 36	(2) 256K x 36
34MB	(2) 256K x 36	(2) 4M x 36
36MB	(2) 4M x 36	(2) 512K x 36
36MB	(2) 512K x 36	(2) 4M x 36
40MB	(2) 4M x 36	(2) 1M x 36
40MB	(2) 1M x 36	(2) 4M x 36
48MB	(2) 4M x 36	(2) 2M x 36
48MB	(2) 2M x 36	(2) 4M x 36
64MB	(2) 8M x 36	NONE
64MB	(2) 4M x 36	(2) 4M x 36

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PCI PENTIUM AL4

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DRAM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
66MB	(2) 8M x 36	(2) 256K x 36
66MB	(2) 256K x 36	(2) 8M x 36
68MB	(2) 8M x 36	(2) 512K x 36
68MB	(2) 512K x 36	(2) 8M x 36
72MB	(2) 8M x 36	(2) 1M x 36
72MB	(2) 1M x 36	(2) 8M x 36
80MB	(2) 8M x 36	(2) 2M x 36
80MB	(2) 2M x 36	(2) 8M x 36
96MB	(2) 8M x 36	(2) 4M x 36
96MB	(2) 4M x 36	(2) 8M x 36
128MB	(2) 8M x 36	(2) 8M x 36

CACHE CONFIGURATION		
Size	Bank 0	TAG
256KB	(8) 32K x 8	(1) 8K x 8
512KB	(8) 64K x 8	(1) 16K x 8
1MB	(8) 128K x 8	(1) 32K x 8

CACHE JUMPER CONFIGURATION		
Size	JS2	JS3
256KB	Pins 1 & 2 closed	Pins 1 & 2 closed
512KB	Pins 1 & 2 closed	Pins 2 & 3 closed
1MB	Pins 2 & 3 closed	Pins 2 & 3 closed

CPU SPEED CONFIGURATION		
Speed	JK1	JR1
75MHz	Open	Open
90MHz	Pins 1 & 2 closed	Open
100MHz	Pins 1 & 2, 3 & 4 closed	Open
120MHz	Pins 1 & 2 closed	Closed

CPU VOLTAGE CONFIGURATION	
Voltage	JP12
3.4v	Closed
3.5v	Open

DMA CONFIGURATION				
DMA	CP2	CP3	CP4	CP5
DMA 1	Open	Closed	Open	Closed
DMA 3	Closed	Open	Closed	Open