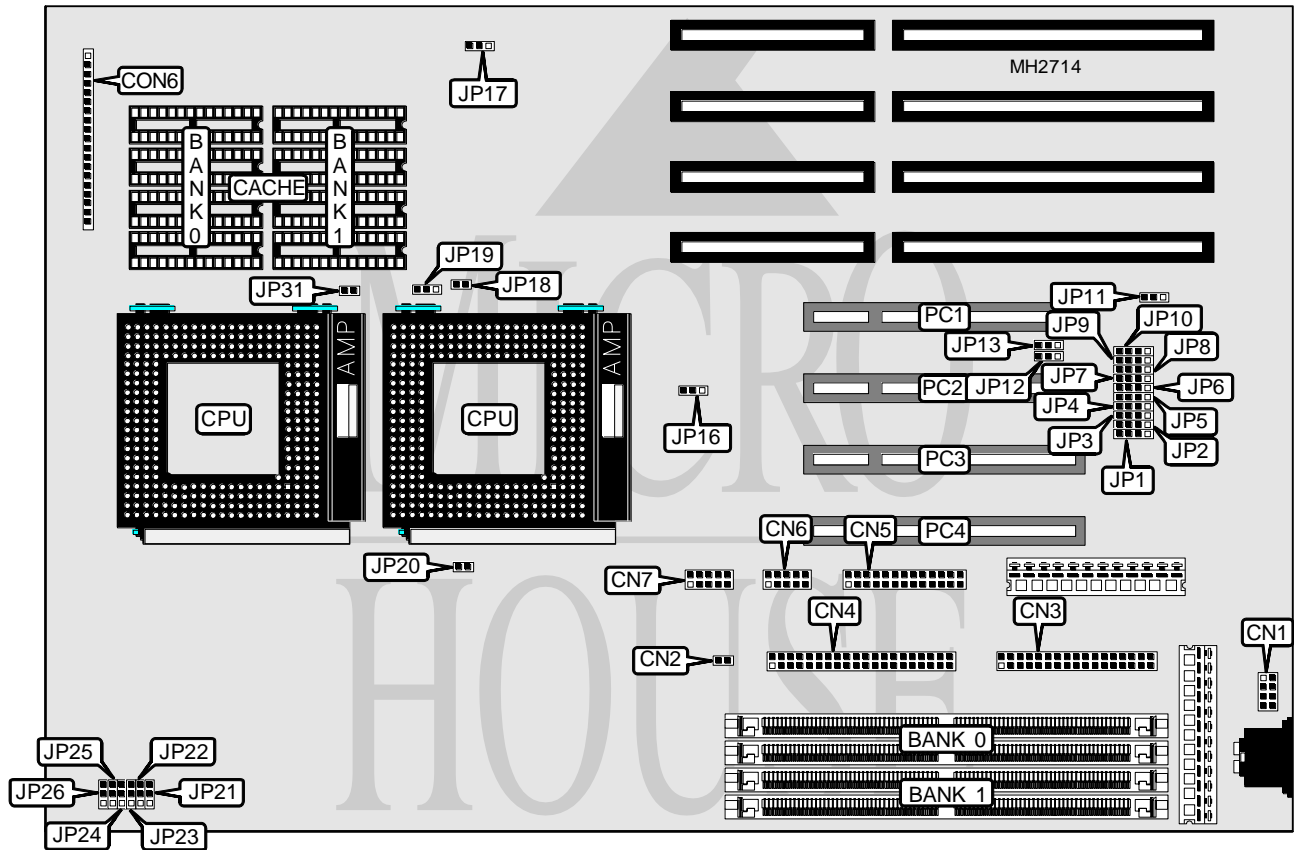


ASUS COMPUTER INTERNATIONAL P C I / I - P 5 4 N P 4 D

Processor	Pentium
Processor Speed	75/90/100MHz
Chip Set	Intel
Max. Onboard DRAM	512MB
Cache	256/512KB
BIOS	Award
Dimensions	330mm x 218mm
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interface, parallel port, PS/2 mouse interface, serial ports (2)
NPU Options	None



CONNECTIONS			
Purpose	Location	Purpose	Location
Keylock	CON6 pins 1 - 5	Floppy drive interface	CN3
Speaker	CON6 pins 7 - 10	IDE interface	CN4
Reset switch	CON6 pins 12 - 13	Parallel port	CN5
Power LED	CON6 pins 15 - 16	Serial port 1	CN6
Green PC connector	CON6 pins 18 - 19	Serial port 2	CN7
PS/2 mouse interface	CN1	32-bit PCI slots	PC1 - PC4
IDE interface LED	CN2		

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í PS/2 mouse enabled	JP11	pins 1 & 2 closed
PS/2 mouse disabled	JP11	pins 2 & 3 closed
í On board I/O enabled	JP16	pins 1 & 2 closed
On board I/O disabled	JP16	pins 2 & 3 closed
í Flash BIOS voltage select 5v	JP17	pins 1 & 2 closed
Flash BIOS voltage select 12v	JP17	pins 2 & 3 closed
í Internal clock speed select 2/3	JP18	Open
Internal clock speed select 1/2	JP18	Closed
í Single Pentium installed	JP19	pins 2 & 3 closed
Dual Pentium installed	JP19	pins 1 & 2 closed
í Cache type select write back	JP20	Open
Cache type select write through	JP20	Closed
í CPU ratio select 2:1	JP21	pins 1 & 2 closed
CPU ratio select 3:2	JP21	pins 2 & 3 closed
í Pipeline mode disabled	JP31	Open
Pipeline mode enabled	JP31	Closed

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

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DRAM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
40MB	(2) 1M x 36	(2) 4M x 36
40MB	(2) 4M x 36	(2) 1M x 36
48MB	(2) 2M x 36	(2) 4M x 36
48MB	(2) 4M x 36	(2) 2M x 36
64MB	(2) 4M x 36	(2) 4M x 36
64MB	(2) 8M x 36	NONE
66MB	(2) 256K x 36	(2) 8M x 36
66MB	(2) 8M x 36	(2) 256K x 36
68MB	(2) 512K x 36	(2) 8M x 36
68MB	(2) 8M x 36	(2) 512K x 36
72MB	(2) 1M x 36	(2) 8M x 36
72MB	(2) 8M x 36	(2) 1M x 36
80MB	(2) 2M x 36	(2) 8M x 36
80MB	(2) 8M x 36	(2) 2M x 36
96MB	(2) 4M x 36	(2) 8M x 36
96MB	(2) 8M x 36	(2) 4M x 36
128MB	(2) 8M x 36	(2) 8M x 36
128MB	(2) 16M x 36	NONE
130MB	(2) 256K x 36	(2) 16M x 36
130MB	(2) 16M x 36	(2) 256K x 36
132MB	(2) 512K x 36	(2) 16M x 36
132MB	(2) 16M x 36	(2) 512K x 36
136MB	(2) 1M x 36	(2) 16M x 36
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 2M x 36	(2) 16M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 4M x 36	(2) 16M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 8M x 36	(2) 16M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36
256MB	(2) 32M x 36	NONE
258MB	(2) 256K x 36	(2) 32M x 36
258MB	(2) 32M x 36	(2) 256K x 36
260MB	(2) 512K x 36	(2) 32M x 36
260MB	(2) 32M x 36	(2) 512K x 36
264MB	(2) 32M x 36	(2) 1M x 36
272MB	(2) 2M x 36	(2) 32M x 36
272MB	(2) 32M x 36	(2) 2M x 36
288MB	(2) 4M x 36	(2) 32M x 36
288MB	(2) 32M x 36	(2) 4M x 36
320MB	(2) 8M x 36	(2) 32M x 36

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DRAM CONFIGURATION (CON'T)		
Size	Bank 0	Bank 1
320MB	(2) 32M x 36	(2) 8M x 36
384MB	(2) 16M x 36	(2) 32M x 36
384MB	(2) 32M x 36	(2) 16M x 36
512MB	(2) 32M x 36	(2) 32M x 36

CACHE CONFIGURATION		
Size	Bank 0	Bank 1
256KB	(4) 32K x 8	(4) 32K x 8
512KB	(4) 64K x 8	(4) 64K x 8

CACHE JUMPER CONFIGURATION		
Size	JP22	JP23
256KB	pins 2 & 3 closed	pins 1 & 2 closed
512KB	pins 1 & 2 closed	pins 1 & 2 closed

CPU SPEED CONFIGURATION (AV9154A-27)			
Speed	JP24	JP25	JP26
75MHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 2 & 3 closed
90MHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed
100MHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed

CPU SPEED CONFIGURATION (MX8315)			
Speed	JP24	JP25	JP26
75MHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 1 & 2 closed
90MHz	pins 1 & 2 closed	pins 2 & 3 closed	pins 1 & 2 closed
100MHz	pins 2 & 3 closed	pins 1 & 2 closed	pins 2 & 3 closed

DMA CONFIGURATION		
DMA	JP12	JP13
DMA 1	pins 1 & 2 closed	pins 1 & 2 closed
DMA 3	pins 2 & 3 closed	pins 2 & 3 closed

PCI IRQ CONFIGURATION (IRQ5)		
PCI slot	JP2	JP9
1	pins 1 & 2 closed	N/A
2	pins 3 & 4 closed	N/A
3	N/A	pins 1 & 2 closed
4	N/A	pins 3 & 4 closed

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PCI IRQ CONFIGURATION (IRQ9)		
PCI slot	JP1	JP10
1	pins 1 & 2 closed	N/A
2	pins 3 & 4 closed	N/A
3	N/A	pins 1 & 2 closed
4	N/A	pins 3 & 4 closed

PCI IRQ CONFIGURATION (IRQ11)		
PCI slot	JP3	JP8
1	pins 1 & 2 closed	N/A
2	pins 3 & 4 closed	N/A
3	N/A	pins 1 & 2 closed
4	N/A	pins 3 & 4 closed

PCI IRQ CONFIGURATION (IRQ14)		
PCI slot	JP4	JP7
1	pins 1 & 2 closed	N/A
2	pins 3 & 4 closed	N/A
3	N/A	pins 1 & 2 closed
4	N/A	pins 3 & 4 closed

PCI IRQ CONFIGURATION (IRQ15)		
PCI slot	JP5	JP6
1	pins 1 & 2 closed	N/A
2	pins 3 & 4 closed	N/A
3	N/A	pins 1 & 2 closed
4	N/A	pins 3 & 4 closed