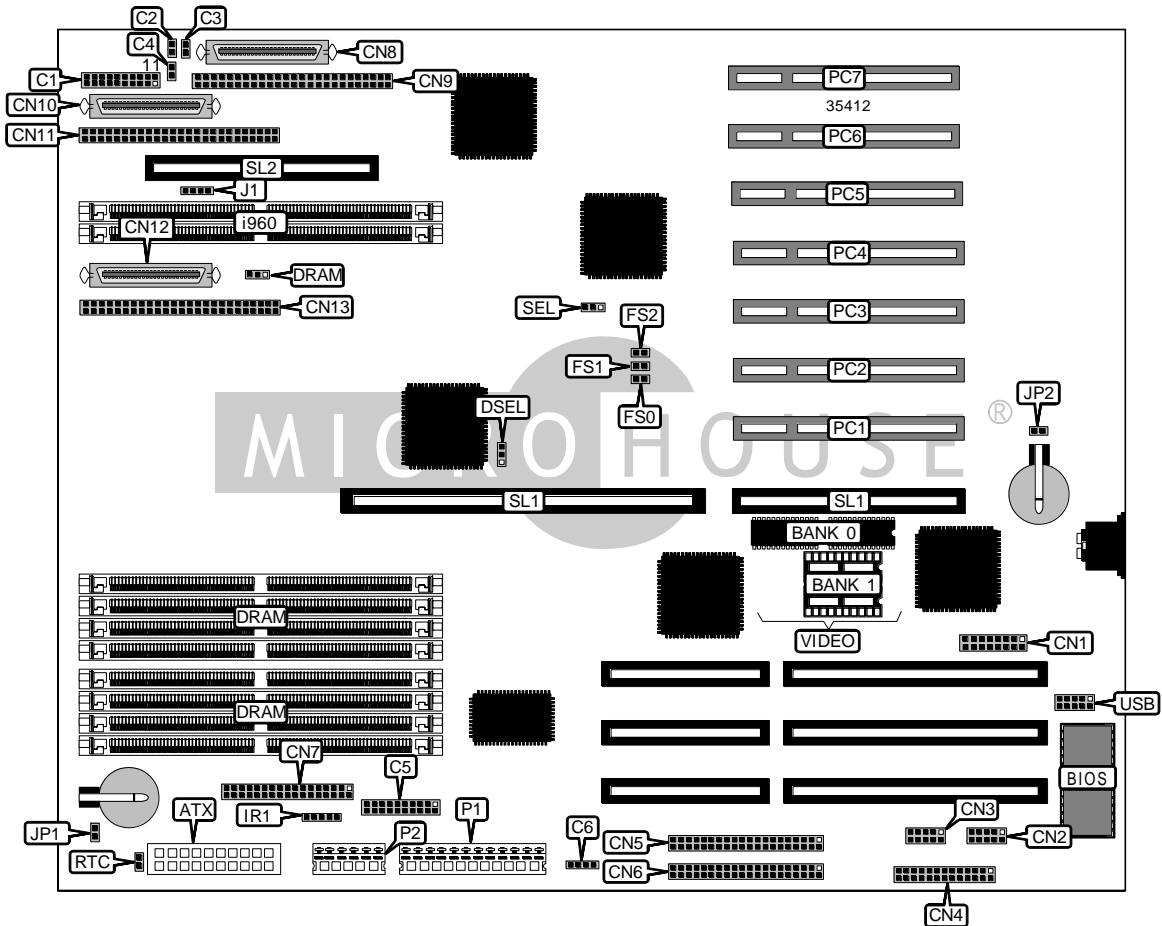


ASUS COMPUTER INTERNATIONAL P/I-P65UP8 (REV. 1.03)

Device Type	Mainboard
Processor	Pentium Pro/Pentium II
Processor Speed	150/166/180/200/233/266/300/333MHz
Chip Set	Intel
Video Chip Set	S3
Maximum Onboard Memory	1GBMB (EDO supported)
Maximum Video Memory	2MB
Cache	256/512KB (located on Pentium Pro/Pentium II CPU)
BIOS	Unidentified
Dimensions	355mm x 304mm
I/O Options	32-bit PCI slots (7), floppy drive interface, green PC connector, IDE interfaces (2), SCSI interfaces (3), Wide Ultra SCSI interfaces (3), parallel port, serial ports (2), VGA interface, IR connector, USB connector, ATX power connector, CPU slot
NPU Options	None



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CONNECTIONS			
Purpose	Location	Purpose	Location
ATX power connector	ATX	IDE interface 1	CN5
Power LED & keylock	C1/pins 1 - 5	IDE interface 2	CN6
Speaker	C1/pins 7 - 10	Floppy drive interface	CN7
Power LED	C1/pins 12 & 13	Ultra Wide SCSI interface	CN8
Green PC connector	C1/pins 14 & 15	SCSI interface	CN9
Soft off power supply	C1/pins 16 & 17	Ultra Wide SCSI interface	CN10
Reset switch	C1/pins 19 & 20	SCSI interface	CN11
IDE interface LED	C2	Ultra Wide SCSI interface	CN12
IDE interface LED	C3	SCSI interface	CN13
IDE interface LED	C4	IR connector	IR1
ASUS monitor connector	C5	5v power	P1
Chassis alarm connector	C6	5v auxiliary power	P2
VGA interface	CN1	32-bit PCI slots	PC1 – PC7
Serial port 2	CN2	CPU slot	SL1
Serial port 1	CN3	i960 slot	SL2
Parallel port	CN4	USB connector	USB

USER CONFIGURABLE SETTINGS		
Function	Label	Position
7880 ID select ID 9 boot	DSEL	Pins 2 & 3 closed
7880 ID select 15 no boot	DSEL	Pins 1 & 2 closed
í Factory configured - do not alter	J1	Unidentified
í CMOS memory normal operation	RTC	Open
CMOS memory clear	RTC	Closed
i960 bridge select i20	SEL	Pins 1 & 2 closed
i960 bridge select bridge	SEL	Pins 2 & 3 closed

SIMM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(2) 1M x 36	None	None	None
16MB	(2) 2M x 36	None	None	None
16MB	(2) 1M x 36	(2) 1M x 36	None	None
24MB	(2) 2M x 36	(2) 1M x 36	None	None
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36	None
32MB	(2) 4M x 36	None	None	None
32MB	(2) 2M x 36	(2) 2M x 36	None	None

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SIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
32MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
40MB	(2) 4M x 36	(2) 1M x 36	None	None
48MB	(2) 4M x 36	(2) 2M x 36	None	None
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36	None
64MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
64MB	(2) 8M x 36	None	None	None
64MB	(2) 4M x 36	(2) 4M x 36	None	None
72MB	(2) 8M x 36	(2) 1M x 36	None	None
80MB	(2) 8M x 36	(2) 2M x 36	None	None
96MB	(2) 8M x 36	(2) 4M x 36	None	None
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	None
128MB	(2) 16M x 36	None	None	None
128MB	(2) 8M x 36	(2) 8M x 36	None	None
128MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
136MB	(2) 16M x 36	(2) 1M x 36	None	None
144MB	(2) 16M x 36	(2) 2M x 36	None	None
152MB	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
160MB	(2) 16M x 36	(2) 4M x 36	None	None
176MB	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
192MB	(2) 16M x 36	(2) 8M x 36	None	None
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36	None
224MB	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
256MB	(2) 32M x 36	None	None	None
256MB	(2) 16M x 36	(2) 16M x 36	None	None
256MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
272MB	(2) 16M x 36	(2) 16M x 36	(2) 1M x 36	(2) 1M x 36
280MB	(2) 32M x 36	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36
288MB	(2) 16M x 36	(2) 16M x 36	(2) 2M x 36	(2) 2M x 36
304MB	(2) 32M x 36	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36
320MB	(2) 16M x 36	(2) 16M x 36	(2) 4M x 36	(2) 4M x 36
320MB	(2) 16M x 36	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
352MB	(2) 32M x 36	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36
384MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36	None

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SIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
448MB	(2) 32M x 36	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36
512MB	(2) 32M x 36	(2) 32M x 36	None	None
512MB	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36
640MB	(2) 32M x 36	(2) 16M x 36	(2) 16M x 36	(2) 16M x 36
768MB	(2) 32M x 36	(2) 32M x 36	(2) 32M x 36	None
1024MB	(2) 32M x 36	(2) 32M x 36	(2) 32M x 36	(2) 32M x 36

Note: Board accepts EDO memory.

DRAM SELECTION	
Type	DRAM
Single sided	Pins 1 & 2 closed
Double sided	Pins 2 & 3 closed

I960 MEMORY 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
128MB	(2) 16M x 36	None
136MB	(2) 16M x 36	(2) 1M x 36
144MB	(2) 16M x 36	(2) 2M x 36
160MB	(2) 16M x 36	(2) 4M x 36
192MB	(2) 16M x 36	(2) 8M x 36
256MB	(2) 16M x 36	(2) 16M x 36

CACHE CONFIGURATION
Note: 256KB/512KB cache is located on the Pentium II/Pentium Pro CPU.

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VIDEO MEMORY JUMPER CONFIGURATION		
Size	Bank 0	Bank 1
1MB	(2) 256K x 16	None
2MB	(2) 256K x 16	(2) 256K x 16

CPU SPEED SELECTION (PENTIUM PRO)					
CPU speed	Clock speed	Multiplier	FS0	FS1	FS2
150MHz	60MHz	2.5x	Closed	Open	Open
166MHz	66MHz	2.5x	Open	Open	Open
180MHz	60MHz	3x	Closed	Open	Open
200MHz	66MHz	3x	Open	Open	Open

CPU SPEED SELECTION (PENTIUM PRO, CON'T)								
CPU speed	Clock speed	Multiplier	JP6	JP7	JP13	JP14	JP15	JP16
150MHz	60MHz	2.5x	Open	Closed	Closed	Open	Closed	Closed
166MHz	66MHz	2.5x	Closed	Open	Closed	Open	Closed	Closed
180MHz	60MHz	3x	Open	Closed	Closed	Closed	Open	Closed
200MHz	66MHz	3x	Closed	Open	Closed	Closed	Open	Closed

Note: The above jumpers are located on the CPU card.

CPU SPEED SELECTION (PENTIUM II)					
CPU speed	Clock speed	Multiplier	FS0	FS1	FS2
233MHz	66MHz	3.5x	Open	Open	Open
266MHz	66MHz	4x	Open	Open	Open
300MHz	66MHz	4.5x	Open	Open	Open
333MHz	66MHz	5x	Open	Open	Open

CPU SPEED SELECTION (PENTIUM II, CON'T)						
CPU speed	Clock speed	Multiplier	JP1	JP2	JP3	JP4
233MHz	66MHz	3.5x	Open	Open	Closed	Closed
266MHz	66MHz	4x	Closed	Closed	Open	Closed
300MHz	66MHz	4.5x	Open	Closed	Open	Closed
333MHz	66MHz	5x	Closed	Open	Open	Closed

Note: The above jumpers are located on the CPU card.

BATTERY TEST SELECTION		
Setting	JP1	JP2
Normal mode	Closed	Closed
Test mode	Open (attach current meter to pins)	Open (attach current meter to pins)