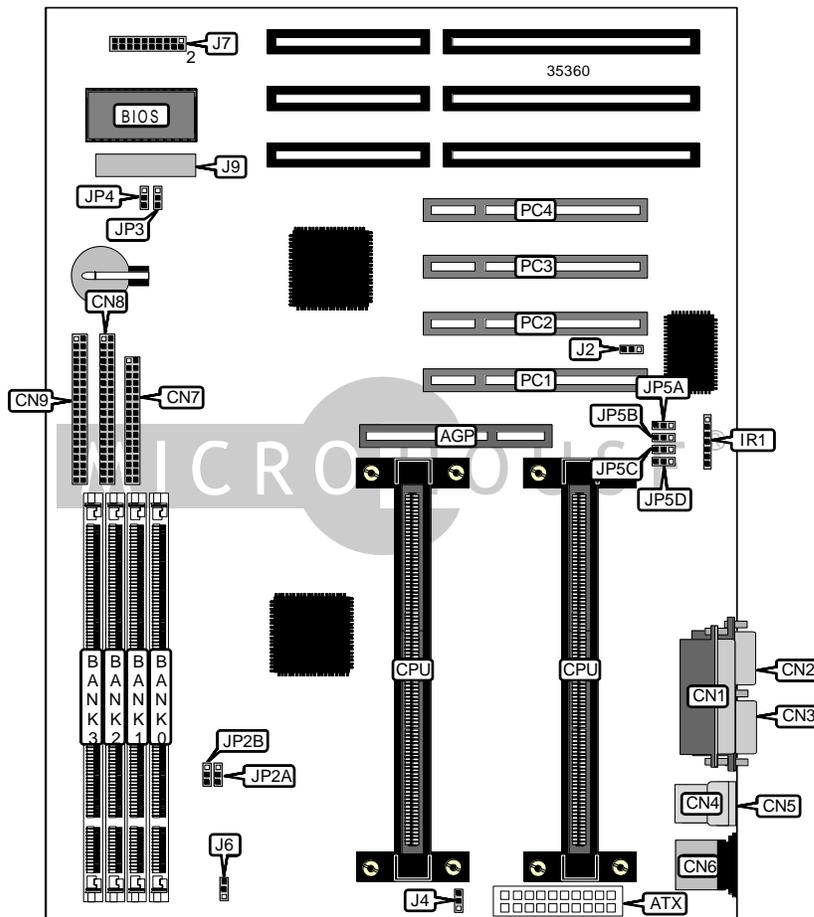


# EURONE EM-7020

<b>Device Type</b>	Mainboard
<b>Processor</b>	Pentium II
<b>Processor Speed</b>	233/266/300/333/366/400/433/466/500/533MHz
<b>Chip Set</b>	Intel
<b>Video Chip Set</b>	None
<b>Maximum Onboard Memory</b>	512MB (EDO & SDRAM supported)
<b>Maximum Video Memory</b>	None
<b>Cache</b>	256/512KB (located on Pentium II CPU)
<b>BIOS</b>	AMI
<b>Dimensions</b>	355mm x 304mm
<b>I/O Options</b>	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot
<b>NPU Options</b>	None



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EURONE  
EM - 7020

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CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	Wake on LAN connector	J2
ATX power connector	ATX	CPU fan power 1	J4
Parallel port	CN1	CPU fan power 2	J6
Serial port 2	CN2	Speaker	J7/pins 1/3/5/7
Serial port 1	CN3	Power LED & keylock	J7/pins 2/4/6/8/10
USB connector 1	CN4	Turbo LED	J7/pins 13 & 14
USB connector 2	CN5	IDE interface LED	J7/pins 15 & 16
PS/2 mouse port	CN6	Reset switch	J7/pins 17 & 18
Floppy drive interface	CN7	Soft off power supply	J7/pins 19 & 20
IDE interface 2	CN8	APIC slot	J9
IDE interface 1	CN9	32-bit PCI slots	PC1 – PC4
IR connector	IR1		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	JP3	Pins 1 & 2 closed
CMOS memory clear	JP3	Pins 2 & 3 closed
CPU SMI source select PIIX4	JP4	Pins 1 & 2 closed
CPU SMI source select I/O APIC	JP4	Pins 2 & 3 closed

DIMM CONFIGURATION				
Size	Bank 0	Bank 1	Bank 2	Bank 3
8MB	(1) 1M x 64	None	None	None
16MB	(1) 2M x 64	None	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None	None
24MB	(1) 2M x 64	(1) 1M x 64	None	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64	None
32MB	(1) 4M x 64	None	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None	None
32MB	(1) 1M x 64			
40MB	(1) 4M x 64	(1) 1M x 64	None	None
48MB	(1) 4M x 64	(1) 2M x 64	None	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64	None
64MB	(1) 2M x 64			
64MB	(1) 8M x 64	None	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None	None

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EURONE  
EM-7020

... continued from previous page

DIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
72MB	(1) 8M x 64	(1) 1M x 64	None	None
80MB	(1) 8M x 64	(1) 2M x 64	None	None
96MB	(1) 8M x 64	(1) 4M x 64	None	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64	None
128MB	(1) 16M x 64	None	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None	None
128MB	(1) 4M x 64			
136MB	(1) 16M x 64	(1) 1M x 64	None	None
144MB	(1) 16M x 64	(1) 2M x 64	None	None
152MB	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
160MB	(1) 16M x 64	(1) 4M x 64	None	None
176MB	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
192MB	(1) 16M x 64	(1) 8M x 64	None	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64	None
224MB	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None	None
256MB	(1) 8M x 64			
272MB	(1) 16M x 64	(1) 16M x 64	(1) 1M x 64	(1) 1M x 64
288MB	(1) 16M x 64	(1) 16M x 64	(1) 2M x 64	(1) 2M x 64
320MB	(1) 16M x 64	(1) 16M x 64	(1) 4M x 64	(1) 4M x 64
320MB	(1) 16M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
512MB	(1) 16M x 64			

Note: Board accepts EDO & SDRAM memory.

DIMM VOLTAGE CONFIGURATION		
Voltage	JP2A	JP2B
3.3v	Pins 1 & 2 closed	Pins 1 & 2 closed
5v	Pins 2 & 3 closed	Pins 2 & 3 closed

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

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EURONE  
EM-7020

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CPU SPEED SELECTION						
CPU speed	Clock speed	Multiplier	JP5A	JP5B	JP5C	JP5D
233MHz	66MHz	3.5x	1 & 2	1 & 2	2 & 3	2 & 3
266MHz	66MHz	4x	2 & 3	2 & 3	1 & 2	2 & 3
300MHz	66MHz	4.5x	1 & 2	2 & 3	1 & 2	2 & 3
333MHz	66MHz	5x	2 & 3	1 & 2	1 & 2	2 & 3
366MHz	66MHz	5.5x	1 & 2	1 & 2	1 & 2	2 & 3
400MHz	66MHz	6x	2 & 3	2 & 3	2 & 3	1 & 2
433MHz	66MHz	6.5x	1 & 2	2 & 3	2 & 3	1 & 2
466MHz	66MHz	7x	2 & 3	1 & 2	2 & 3	1 & 2
500MHz	66MHz	7.5x	1 & 2	1 & 2	2 & 3	1 & 2
533MHz	66MHz	8x	2 & 3	2 & 3	1 & 2	1 & 2

Note: Pins designated should be in the closed position.