WIN LAN ENTERPRISE CO., LTD. EL-EP09

Processor Pentium Pro

Processor Speed 133/150/166/180/200/233MHz

Chip Set **Video Chip Set** None

Maximum Onboard Memory 768MB (EDO supported)

Maximum Video Memory None

Cache 256/512KB (located on Pentium Pro CPU)

BIOS Award

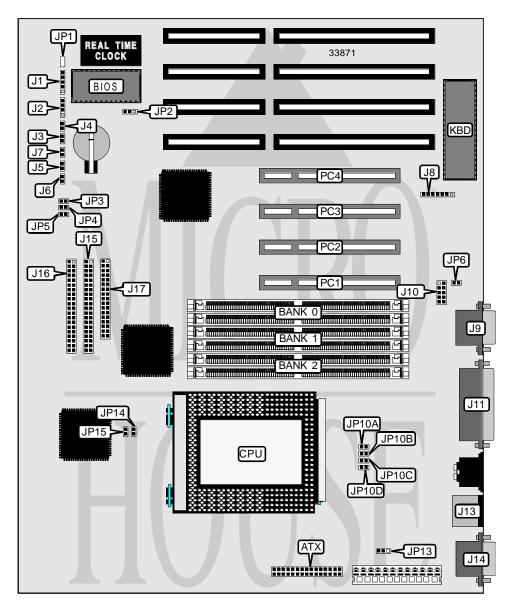
Dimensions 330mm x 218mm

I/O Options 32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces

(2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB

connector, ATX power connector

NPU Options None





WIN LAN ENTERPRISE CO., LTD. EL-EP09

 $\dots continued\ from\ previous\ page$

CONNECTIONS				
Purpose	Location Purpose		Location	
ATX power connector	ATX	USB connector	J10	
Power LED & keylock	J1	Parallel port	J11	
Speaker	J2	PS/2 mouse port	J13	
Reset switch	J3	Serial port 1	J14	
Turbo LED	J4	IDE interface 1	J15	
IDE interface LED	J5	IDE interface 2	J16	
Green PC connector	J6	Floppy drive interface	J17	
Green PC LED	J7	Power on connector	JP1	
IR connector	J8	18 Chassis fan power		
Serial port 2	J9	32-bit PCI slots	PC1 - PC4	

USER CONFIGURABLE SETTINGS				
Function	Label	Position		
í Flash BIOS voltage select 5v	JP2	Pins 2 & 3 closed		
Flash BIOS voltage select 12v	JP2	Pins 1 & 2 closed		
í Onboard SMC chip enabled	JP6	Open		
Onboard SMC chip disabled	JP6	Closed		

DRAM CONFIGURATION					
Size	Bank 0	Bank 1	Bank 2		
8MB	(2) 1M x 36	None	None		
16MB	(2) 1M x 36	(2) 1M x 36	None		
16MB	(2) 2M x 36	None	None		
24MB	(2) 1M x 36	(2) 1M x 36	(2) 1M x 36		
24MB	(2) 1M x 36	(2) 2M x 36	None		
32MB	(2) 1M x 36	(2) 1M x 36	(2) 2M x 36		
32MB	(2) 2M x 36	(2) 2M x 36	None		
32MB	(2) 4M x 36	None	None		
40MB	(2) 1M x 36	(2) 2M x 36	(2) 2M x 36		
40MB	(2) 1M x 36	(2) 4M x 36	None		
48MB	(2) 2M x 36	(2) 2M x 36	(2) 2M x 36		
48MB	(2) 2M x 36	(2) 4M x 36	None		
56MB	(2) 1M x 36	(2) 2M x 36	(2) 4M x 36		
64MB	(2) 4M x 36	(2) 4M x 36	None		
64MB	(2) 8M x 36	None	None		
72MB	(2) 1M x 36	(2) 4M x 36	(2) 4M x 36		
72MB	(2) 1M x 36	(2) 8M x 36	None		
80MB	(2) 2M x 36	(2) 4M x 36	(2) 4M x 36		
80MB	(2) 2M x 36	(2) 8M x 36	None		
96MB	(2) 4M x 36	(2) 4M x 36	(2) 4M x 36		
96MB	(2) 4M x 36	(2) 8M x 36	None		
104MB	(2) 1M x 36	(2) 4M x 36	(2) 8M x 36		
112MB	(2) 2M x 36	(2) 4M x 36	(2) 8M x 36		

Continued on next page. . .

WIN LAN ENTERPRISE CO., LTD. EL-EP09

. . . continued from previous page

DRAM CONFIGURATION (CON'T)						
Size	Bank 0	Bank 1	Bank 2			
128MB	(2) 8M x 36	(2) 8M x 36	None			
136MB	(2) 1M x 36	(2) 8M x 36	(2) 8M x 36			
136MB	(2) 1M x 36	(2) 16M x 36	None			
144MB	(2) 2M x 36	(2) 8M x 36	(2) 8M x 36			
160MB	(2) 4M x 36	(2) 8M x 36	(2) 8M x 36			
192MB	(2) 8M x 36	(2) 8M x 36	(2) 8M x 36			
192MB	(2) 8M x 36	(2) 16M x 36	None			
256MB	(2) 16M x 36	(2) 16M x 36	None			
320MB	(2) 8M x 36	(2) 16M x 36	(2) 16M x 36			
384MB	(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			
Note: Board accepts EDO memory. Board also accepts x 32 SIMMs.						

CACHE CONFIGURATION

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

CPU SPEED SELECTION							
CPU speed	Clock speed	Multiplier	JP3	JP4	JP5	JP14	JP15
133MHz	66MHz	2x	Closed	Closed	Closed	Open	Closed
150MHz	50MHz	3x	Closed	Closed	Open	Closed	Closed
166MHz	66MHz	2.5x	Open	Closed	Closed	Open	Closed
180MHz	60MHz	3x	Closed	Closed	Open	Closed	Open
200MHz	66MHz	3x	Closed	Closed	Open	Open	Closed
233MHz	66MHz	3.5x	Open	Closed	Open	Open	Closed

CPU VOLTAGE SELECTION						
Voltage	JP10A	JP10B	JP10C	JP10D		
íAuto	Open	Open	Open	Open		
2.1v	Open	Open	Open	Closed		
2.2v	Open	Open	Closed	Open		
2.3v	Open	Open	Closed	Closed		
2.4v	Open	Closed	Open	Open		
2.5v	Open	Closed	Open	Closed		
2.6v	Open	Closed	Closed	Open		
2.7v	Open	Closed	Closed	Closed		
2.8v	Closed	Open	Open	Open		
2.9v	Closed	Open	Open	Closed		
3.0v	Closed	Open	Closed	Open		
3.1v	Closed	Open	Closed	Closed		
3.2v	Closed	Closed	Open	Open		
3.3v	Closed	Closed	Open	Closed		
3.4v	Closed	Closed	Closed	Open		
3.5v	Closed	Closed	Closed	Closed		