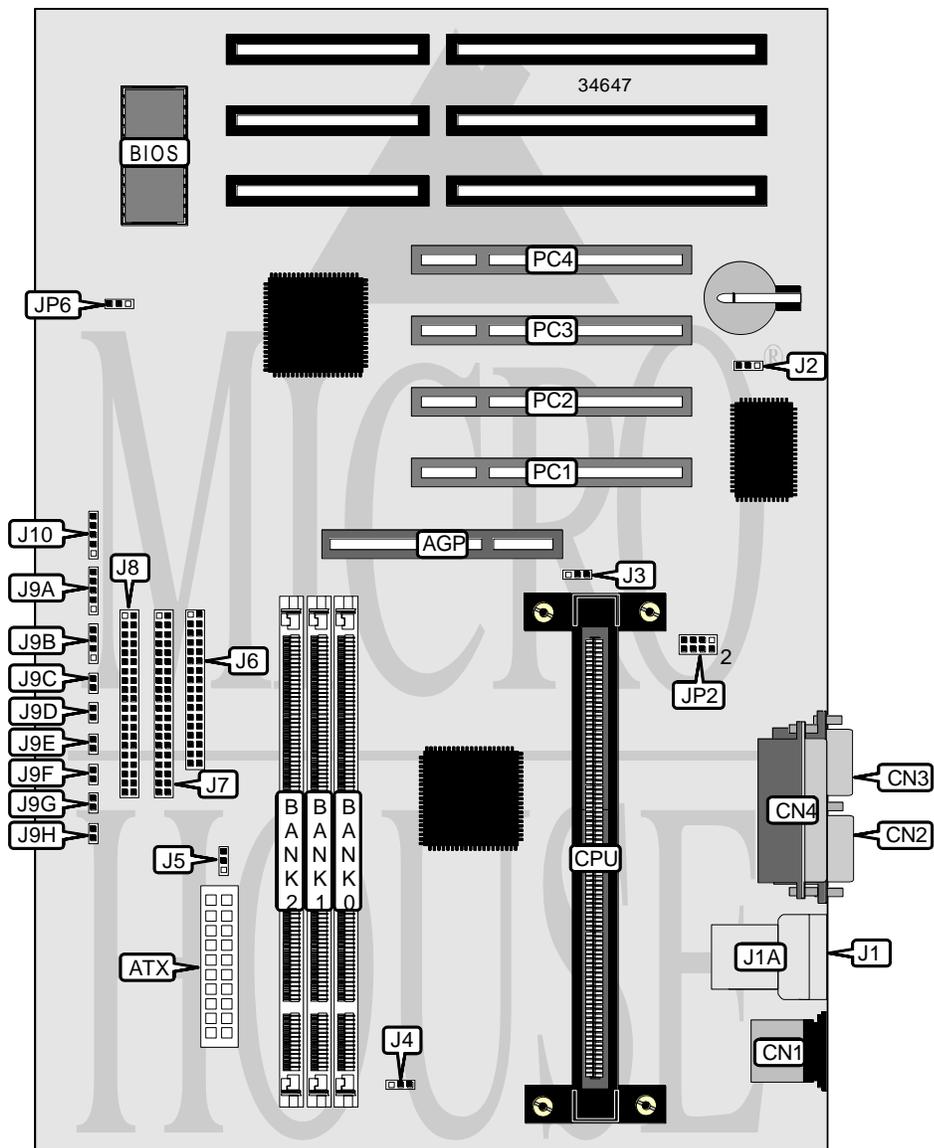


DIAMOND FLOWER, INC.

P2XLX (REV. A+)

Processor	Pentium II
Processor Speed	233/266/300/333MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	384MB (EDO supported)
Maximum Video Memory	None
Cache	256/512KB (located on Pentium II CPU)
BIOS	Award
Dimensions	305mm x 244mm
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 connectors (2), ATX power connector, AGP slot
NPU Options	None



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P2XLX (REV. A+)

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CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	IDE interface 2	J7
ATX power connector	ATX	IDE interface 1	J8
PS/2 mouse port	CN1	Power LED & keylock	J9A
Serial port 2	CN2	Speaker	J9B
Serial port 1	CN3	Reset switch	J9C
Parallel port	CN4	Green PC connector	J9D
USB connector 1	J1	Soft off power supply	J9E
USB connector 2	J1A	Green PC LED	J9F
Wake on LAN connector	J2	IDE interface LED	J9G
AGP fan power	J3	ATX LED	J9H
CPU fan power	J4	IR connector	J10
Chassis fan power	J5	32-bit PCI slots	PC1 – PC4
Floppy drive interface	J6		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
í CMOS memory normal operation	JP6	Pins 1 & 2 closed
CMOS memory clear	JP6	Pins 2 & 3 closed

DIMM CONFIGURATION			
Size	Bank 0	Bank 1	Bank 2
8MB	(1) 1M x 64	None	None
16MB	(1) 2M x 64	None	None
16MB	(1) 1M x 64	(1) 1M x 64	None
24MB	(1) 2M x 64	(1) 1M x 64	None
24MB	(1) 1M x 64	(1) 1M x 64	(1) 1M x 64
32MB	(1) 4M x 64	None	None
32MB	(1) 2M x 64	(1) 2M x 64	None
40MB	(1) 4M x 64	(1) 1M x 64	None
48MB	(1) 4M x 64	(1) 2M x 64	None
48MB	(1) 2M x 64	(1) 2M x 64	(1) 2M x 64
64MB	(1) 8M x 64	None	None
64MB	(1) 4M x 64	(1) 4M x 64	None
72MB	(1) 8M x 64	(1) 1M x 64	None
80MB	(1) 8M x 64	(1) 2M x 64	None
96MB	(1) 8M x 64	(1) 4M x 64	None
96MB	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
128MB	(1) 16M x 64	None	None
128MB	(1) 8M x 64	(1) 8M x 64	None
136MB	(1) 16M x 64	(1) 1M x 64	None

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DIAMOND FLOWER, INC.
P2XLX (REV. A+)

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DIMM CONFIGURATION (CON'T)			
Size	Bank 0	Bank 1	Bank 2
144MB	(1) 16M x 64	(1) 2M x 64	None
160MB	(1) 16M x 64	(1) 4M x 64	None
192MB	(1) 16M x 64	(1) 8M x 64	None
192MB	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
256MB	(1) 16M x 64	(1) 16M x 64	None
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64

Note: Board accepts EDO memory.

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

CPU SPEED SELECTION				
CPU speed	Clock speed	Multiplier	JP2/pins 1 & 2	JP2/pins 3 & 4
233MHz	66MHz	3.5x	Open	Open
266MHz	66MHz	4x	Closed	Closed
300MHz	66MHz	4.5	Open	Closed
333MHz	66MHz	5x	Closed	Open

CPU SPEED SELECTION				
CPU speed	Clock speed	Multiplier	JP2/pins 5 & 6	JP2/pins 7 & 8
233MHz	66MHz	3.5x	Closed	Closed
266MHz	66MHz	4x	Open	Closed
300MHz	66MHz	4.5	Open	Closed
333MHz	66MHz	5x	Open	Closed