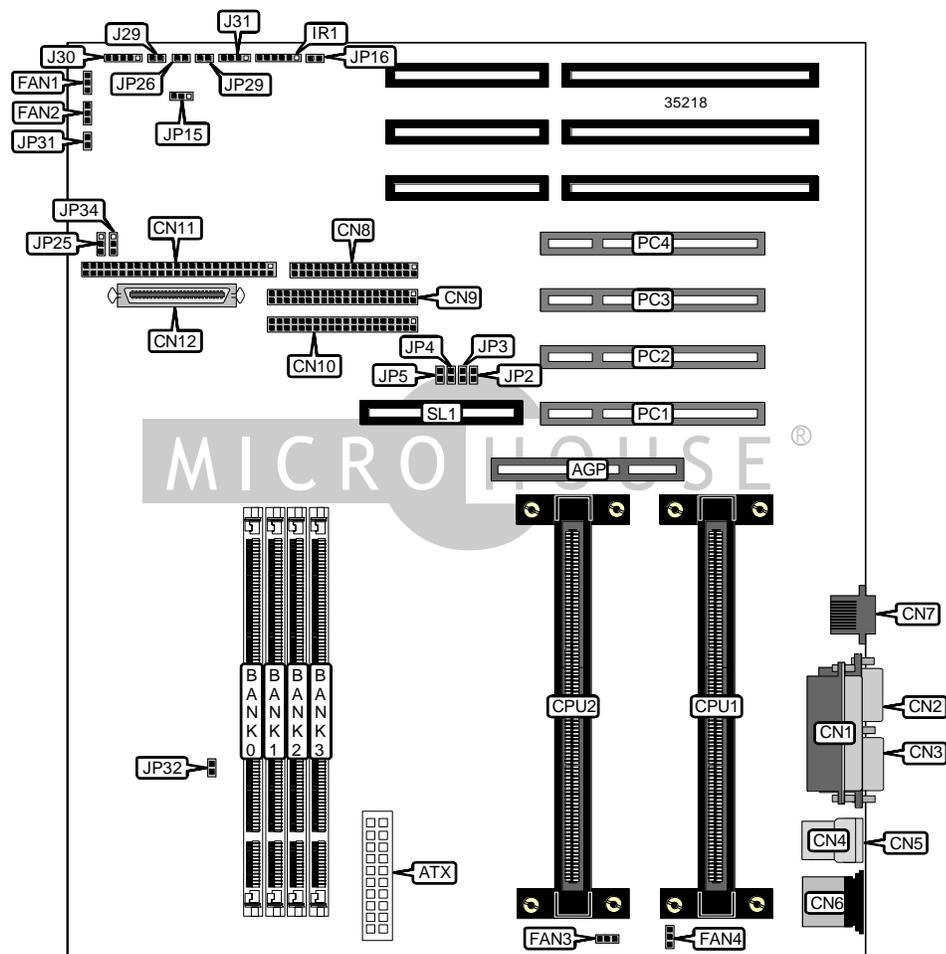


QDI COMPUTER, INC.

P6I440LX/DP LEGEND-IV

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300/333MHz
Chip Set	Intel
Video Chip Set	None
Maximum Onboard Memory	1GB (EDO & SDRAM supported)
Maximum Video Memory	None
Cache	256/512KB (located on Pentium II CPU)
BIOS	Award
Dimensions	305mm x 310mm
I/O Options	32-bit PCI slots (4), Ethernet connector, floppy drive interface, green PC connector, IDE interfaces (2), Narrow SCSI interface, Wide SCSI interface, parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, RAID slot
NPU Options	None



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QDI COMPUTER, INC.
P6I440LX/DP LEGEND-IV

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CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	Chassis fan power	FAN2
ATX power connector	ATX	CPU fan power	FAN3
Parallel port	CN1	CPU fan power	FAN4
Serial port 2	CN2	IR connector	IR1
Serial port 1	CN3	Turbo LED	J29
USB connector 1	CN4	Power LED & keylock	J30
USB connector 2	CN5	Speaker	J31
PS/2 mouse port	CN6	Soft off power supply	JP16
Ethernet connector	CN7	IDE interface LED	JP26
Floppy drive interface	CN8	Reset switch	JP29
IDE interface 1	CN9	Green PC connector	JP31
IDE interface 2	CN10	Chassis security connector	JP32
Narrow SCSI interface	CN11	32-bit PCI slots	PC1 – PC4
Wide SCSI interface	CN12	RAID slot	SL1
Chassis fan power	FAN1		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
CMOS memory normal operation	JP15	Pins 2 & 3 closed
CMOS memory clear	JP15	Pins 1 & 2 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

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QDI COMPUTER, INC.
P6I440LX/DP LEGEND-IV

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DIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
64MB	(1) 4M x 64	(1) 4M x 64	None	None
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) 32M x 64	None	None	None
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
280MB	(1) 32M x 64	(1) 1M 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
304MB	(1) 32M x 64	(1) 2M 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
352MB	(1) 32M x 64	(1) 4M x 64	(1) 4M x 64	(1) 4M x 64
384MB	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64	None
448MB	(1) 32M x 64	(1) 8M x 64	(1) 8M x 64	(1) 8M x 64
512MB	(1) 32M x 64	(1) 32M x 64	None	None
512MB	(1) 16M x 64			
640MB	(1) 32M x 64	(1) 16M x 64	(1) 16M x 64	(1) 16M x 64
768MB	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64	None
1024MB	(1) 32M x 64			
Note: Board accepts EDO & SDRAM memory. Maximum EDO is 1GB. Maximum SDRAM is 512MB.				

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

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QDI COMPUTER, INC.
P6I440LX/DP LEGEND-IV

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CPU SPEED SELECTION						
CPU speed	Clock speed	Multiplier	JP2	JP3	JP4	JP5
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

WIDE SCSI SELECTION			
Mode	Wide SCSI	Narrow SCSI	JP25
Wide	Installed	Not installed	Open
Narrow	Not installed	Installed	Open
Wide	Installed	Installed	Open
Narrow	Not installed	Not installed	Open
Wide	N/A	N/A	Pins 2 & 3 closed

SCSI TERMINATION SELECTION		
High byte terminator	Low byte terminator	JP34
Power down	Power down	Open
Power up if wide is selected	Power up if 1 type is present	Pins 2 & 3 closed
Power down if narrow mode selected	Power down if both are present	Pins 2 & 3 closed