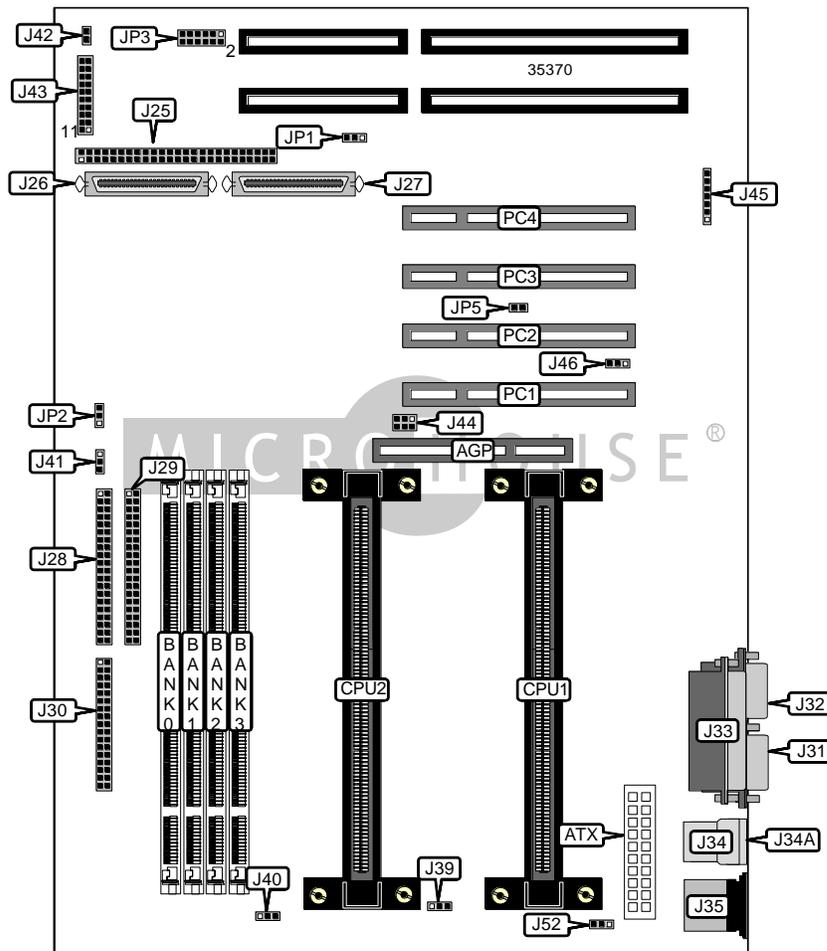


IWILL CORPORATION

DBL100

Device Type	Mainboard
Processor	Pentium II
Processor Speed	233/266/300/333/400/450/500MHz
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 265mm
I/O Options	32-bit PCI slots (4), floppy drive interface, IDE interfaces (2), SCSI interface, Wide Ultra SCSI 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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CONNECTIONS			
Purpose	Location	Purpose	Location
AGP slot	AGP	CPU fan power	J39
ATX power connector	ATX	Chassis fan power	J40
SCSI interface (Legacy)	J25	Chassis fan power	J41
Ultra 2 Wide SCSI interface (Legacy)	J26	Soft off power supply	J42
Ultra Wide SCSI interface (Legacy)	J27	IDE interface LED	J43/pins 5 & 6
IDE interface 1	J28	SCSI interface LED	J43/pins 7 & 8
IDE interface 2	J29	Reset switch	J43/pins 9 & 10
Floppy drive interface	J30	Power LED & keylock	J43/pins 11 – 15
Serial port 1	J31	Speaker	J43/pins 17 - 20
Serial port 2	J32	SB link connector	J44
Parallel port	J33	IR connector	J45
USB connector 1	J34	Wake on LAN connector	J46
USB connector 2	J34A	32-bit PCI slots	PC1 – PC4
PS/2 mouse port	J35		

USER CONFIGURABLE SETTINGS		
Function	Label	Position
KB ON disabled	J52	Pins 1 & 2 closed
KB ON enabled	J52	Pins 2 & 3 closed
í CMOS memory normal operation	JP1	Pins 1 & 2 closed
CMOS memory clear	JP1	Pins 2 & 3 closed
SCSI enabled	JP2	Pins 1 & 2 closed
SCSI enabled	JP2	Pins 2 & 3 closed
í Factory configured - do not alter	JP5	Unidentified

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

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DIMM CONFIGURATION (CON'T)				
Size	Bank 0	Bank 1	Bank 2	Bank 3
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
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.

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DBL100

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CACHE CONFIGURATION

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

CPU SPEED SELECTION

CPU speed	Clock speed	Multiplier	JP3
233MHz	66MHz	3.5x	1 & 2, 9 & 10
266MHz	66MHz	4x	3 & 4, 9 & 10
300MHz	66MHz	4.5x	5 & 6, 9 & 10
333MHz	66MHz	5x	7 & 8, 9 & 10
350MHz	100MHz	5.5x	1 & 2
400MHz	100MHz	6x	3 & 4
450MHz	100MHz	6.5x	5 & 6
500MHz	100MHz	7x	7 & 8

Note: Pins designated should be in the closed position.