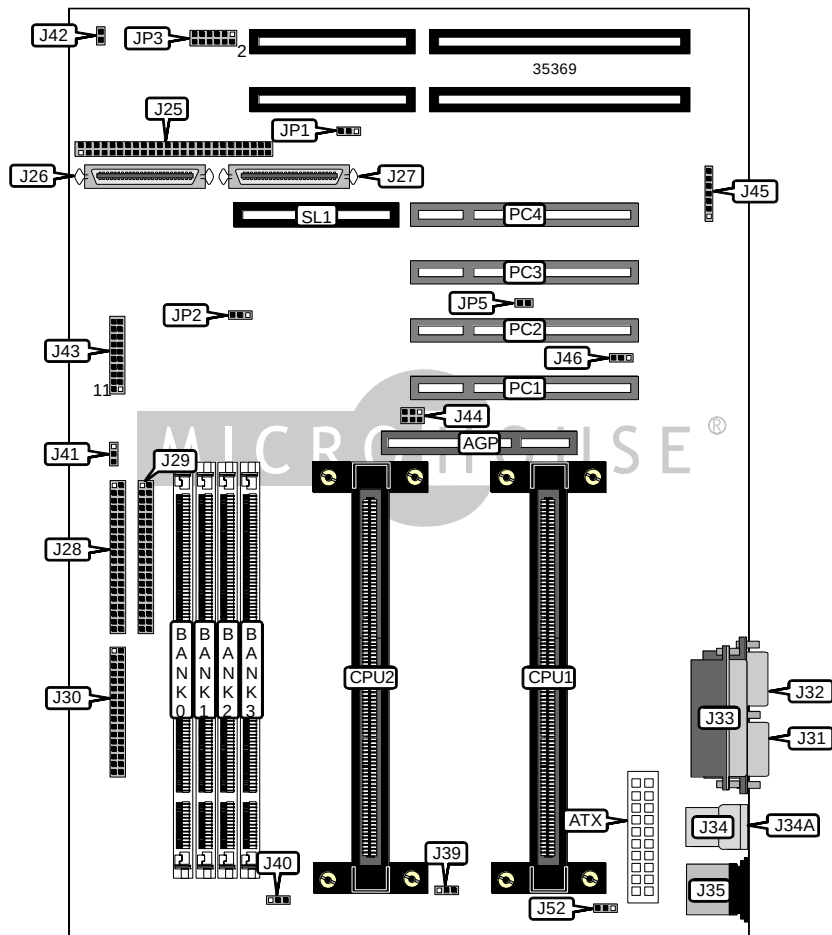


IWILL CORPORATION

DBS100

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, RAID slot
NPU Options	None



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IWILL CORPORATION

DBS100

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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	J25	Chassis fan power	J41
Ultra Wide SCSI interface	J26	Soft off power supply	J42
Ultra Wide SCSI interface	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	RAID slot	SL1

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	(1) 1M x 64	(1) 1M x 64	(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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IWILL CORPORATION
DBS100

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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	(1) 2M x 64	(1) 2M x 64	(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	(1) 4M x 64	(1) 4M x 64	(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	(1) 8M x 64	(1) 8M x 64	(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	(1) 16M x 64	(1) 16M x 64	(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	(1) 32M x 64	(1) 32M x 64	(1) 32M x 64
Note: Board accepts EDO & SDRAM memory.				

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IWILL CORPORATION

DBS100

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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.