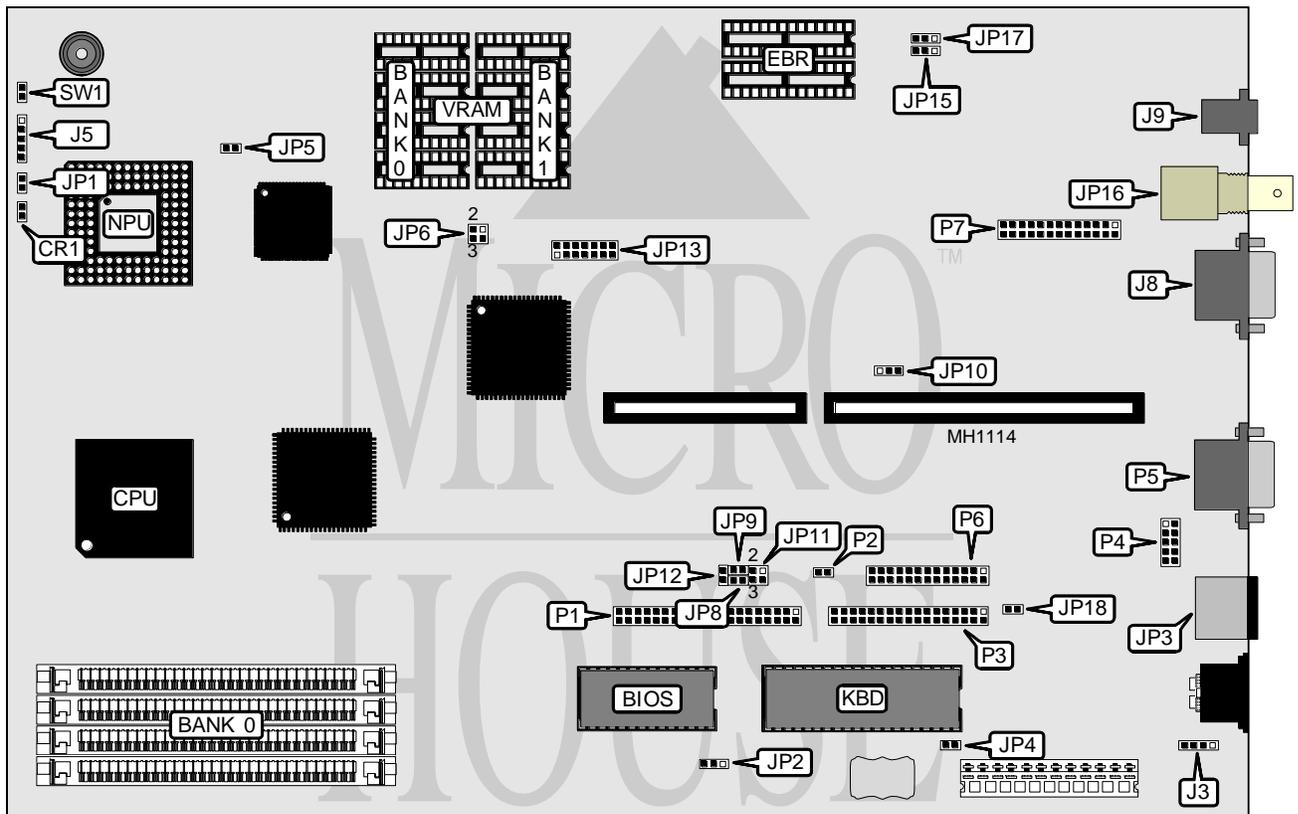


MULTIBEST INDUSTRIAL & MANUFACTURING, INC.

MULTILAN

Processor	80386DX
Processor Speed	25/33MHz
Chip Set	OPTI
Max. Onboard DRAM	16MB
Cache	None
BIOS	AMI
Dimensions	330mm x 215mm
I/O Options	Ethernet interface (10 Base 2 & 10 Base T), floppy drive interface, IDE interface, bus mouse port, parallel port, serial ports (2), VGA feature connector
NPU Options	80387/3167



CONNECTIONS			
Purpose	Location	Purpose	Location
Turbo LED	CR1	IDE interface	P1
External battery	J3	IDE interface LED	P2
Power LED & keylock	J5	Floppy disk interface	P3
VGA port	J8	Serial port 2	P4
10Base2 LAN port	J9	Serial port 1	P5
Turbo switch	JP1	Parallel port	P6
Mouse port	JP3	VGA feature pass through	P7
10BaseT LAN port	JP16	Reset switch	SW1

Note: The Ethernet buffer RAM (EBR) is factory configured.

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USER CONFIGURABLE SETTINGS		
Function	Jumper	Position
í CMOS memory normal operation	JP2	pins 2 & 3 closed
CMOS memory clear	JP2	pins 1 & 2 closed
í Monitor type select color	JP4	Closed
Monitor type select monochrome	JP4	Open
í VGA port enabled	JP5	Open
VGA port disabled	JP5	Closed
í Floppy drive interface precompensation mode normal	JP8	Open
Floppy drive interface precompensation mode alternate	JP8	Closed
í Floppy drive speed select single	JP9	Open
Floppy drive speed select dual	JP9	Closed
í Parallel port select LPT1 interrupt IRQ7	JP10	pins 2 & 3 closed
Parallel port select LPT2 interrupt IRQ5	JP10	pins 1 & 2 closed
í IDE interface enabled	JP12	Open
IDE interface disabled	JP12	Closed
í Factory configured - do not alter	JP15	pins 1 & 2 closed
í Ethernet network interface select 10Base2	JP17	pins 1 & 2 closed
í Ethernet network interface select 10BaseT	JP17	pins 2 & 3 closed
í Bus mouse port enabled	JP18	Closed
Bus mouse port disabled	JP18	Open

DRAM CONFIGURATION	
Size	Bank 0
1MB	(4) 256K x 9
4MB	(4) 1M x 9
16MB	(4) 4M x 9

VRAM CONFIGURATION		
Size	Bank 0	Bank 1
512KB	(4) 128K x 8	NONE
1MB	(4) 128K x 8	(4) 128K x 8

VRAM JUMPER CONFIGURATION	
Size	JP6
512KB	pins 1 & 2 closed
1MB	pins 3 & 4 closed

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ETHERNET MODULE JUMPER CONFIGURATION	
Function	JP13
Ethernet enabled	pins 1 & 2 closed
Ethernet disabled	pins 1 & 2 open

INTERRUPT CONFIGURATION				
Interrupt	JP13 pins 7 & 8	JP13 pins 9 & 10	JP13 pins 11 & 12	JP13 pins 13 & 14
IRQ2/9	closed	open	open	open
IRQ3	open	closed	open	open
IRQ4	open	open	closed	open
IRQ5	open	open	open	closed

I/O BASE ADDRESS CONFIGURATION		
Address	JP13 pins 3 & 4	JP13 pins 5 & 6
300 - 31Fh	Closed	Closed
320 - 33Fh	Open	Closed
340 - 35Fh	Closed	Open
360 - 37Fh	Open	Open