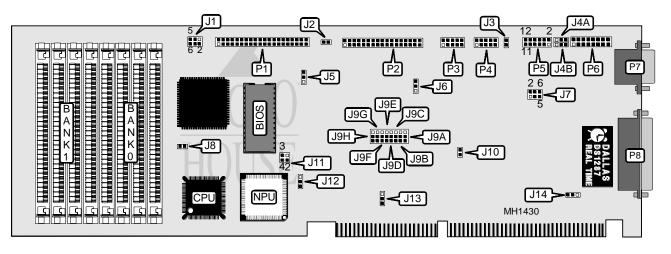
Processor Processor Speed Chip Set Max. Onboard DRAM SRAM Cache BIOS Dimensions I/O Options NPU Options 80386SX/80486SLC 16/20/25/33/40MHz Headland 16MB None Quadtel 330mm x 100mm Floppy drive interface IDE interface, parallel port, serial port (2), VGA port 80387SX/CX87SLC



CONNECTIONS				
Purpose Location Purpose Loca				
IDE interface LED	J2	Serial Port (COM1)	P4	
Turbo LED	J3	LCD panel connector	P6	
IDE interface	P1	VGA port	P7	
Floppy drive interface	P2	Parallel port	P8	
Serial Port (COM2)	P3			

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USER CONFIGURABLE SETTINGS				
Function	Jumper/Switch	Position		
í IDE interface enabled	J5	pins 2 & 3 closed		
IDE interface disabled	J5	pins 1 & 2 closed		
í Parallel port select uni-directional (printer)	JG	pins 2 & 3 closed		
Parallel port select bi-directional	JG	pins 1 & 2 closed		
í Pipeline mode enabled	8L	Closed		
Pipeline mode disabled	8L	Open		
í Floppy drive interface select normal	J9A	pins 1 & 2 closed		
Floppy drive interface select encoded	J9A	pins 2 & 3 closed		
í Floppy drive interface enabled	J9B	pins 1 & 2 closed		
Floppy drive interface disabled	J9B	pins 2 & 3 closed		
í J9A -J9G jumpers enabled	J9H	pins 1 & 2 closed		
J9A -J9G jumpers disabled	J9H	pins 2 & 3 closed		
í Monitor type select color	J10	Closed		
Monitor type select monochrome	J10	Open		
í Watchdog timer enabled	J12	pins 1 & 2 closed		
Watchdog timer disabled	J12	pins 2 & 3 closed		
í Watchdog timer delay 600 ms delay	J13	Open		
Watch dog timer delay 1.2 second delay	J13	pins 1 & 2 closed		
Watchdog timer delay 150 ms delay	J13	pins 2 & 3 closed		
í IRQ9 select internal CRT controller	J14	Pins 1 & 2 closed		
IRQ9 select AT Bus	J14	pins 2 & 3 closed		

	DRAM CONFIGURATION	
Size	Bank 0	Bank 1
1MB	(4) 256K x 9	NONE
2MB	(4) 256K x 9	(4) 256K x 9
4MB	(4) 1M x 9	NONE
8MB	(4) 1M x 9	(4) 1M x 9
16MB	(4) 4M x 9	NONE

	FLASH MEMORY CONFIGURATION	
Address	J11/pins 3 & 4	J11/pins 1 & 2
D8000 - DFFFFh	Open	Open
C8000 - CFFFFh	Closed	Open
D0000 - D7FFFh	Open	Closed
C0000 - C7FFFh	Closed	Closed

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PIN OUT CONFIGURATION P5			
Function	Pin		
Power good signal detect from board	1		
Keyboard ground	2		
+ Keyboard clock	3		
+ 5Vdc	4		
+ Keyboard data	5		
Ground	6		
Reset switch	7		
Keyboard inhibit switch	8		
Speaker	9 & 10		
Turbo switch	11 & 12		

LCD PANEL TYPE/PLASMA PANEL				
Туре	J7/pins 1 & 2	J7/pins 3 & 4	J7/pins 5 & 6	
0	Open	Open	Closed	
1	Closed	Open	Closed	
2	Open	Closed	Closed	
3	Closed	Closed	Closed	
Plasma	Closed	Closed	Closed	

	SEF	RIAL PORT CONFIGURAT	ION	
UART 1/P3	UART 2/P4	J9E	J9D	J9C
COM1	COM2	Pins 1 & 2	Pins 1 & 2	Pins 1 & 2
Disable	COM2	pins 2 & 3	Pins 1 & 2	Pins 1 & 2
COM1	Disable	Pins 1 & 2	pins 2 & 3	Pins 1 & 2
Disable	Disable	pins 2 & 3	pins 2 & 3	Pins 1 & 2
COM2	COM1	Pins 1 & 2	Pins 1 & 2	pins 2 & 3
Disable	COM1	pins 2 & 3	Pins 1 & 2	pins 2 & 3
COM2	Disable	Pins 1 & 2	pins 2 & 3	pins 2 & 3
Disable	Disable	pins 2 & 3	pins 2 & 3	pins 2 & 3
Note: Pins designated should be in the closed position.				

PARALLEL PORT CONFIGURATION				
LPT	ADDRESS	J9G	J9F	
í LPT1	378h	pins 1 & 2 closed	pins 1 & 2 closed	
LPT3	3BCh	pins 2 & 3 closed	pins 1 & 2 closed	
LPT2	278h	pins 1 & 2 closed	pins 2 & 3 closed	
Disabled	N/A	pins 2 & 3 closed	pins 2 & 3 closed	

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	VGA MEMORY CLOCK	
Memory Clock	J4A/MSO	J4B/MS1
32.9HMz	pins 1 & 2 closed	Open
35.6MHz	pins 2 & 3 closed	pins 1 & 2 closed
í 43.9MHz	pins 1 & 2 closed	pins 2 & 3 closed

CPU CLOCK SPEED CONFIGURATION				
CPU Speed	iOSC	J1/pins 1 & 2	J1/pins 3 & 4	J1/pins 5 & 6
16MHz	32MHz	Closed	Open	Open
20MHz	40MHz	Open	Open	Closed
25MHz	50MHz	Closed	Closed	Open
33MHz	66.66 MHz	Open	Closed	Closed
40MHz	80MHz	Open	Open	Open