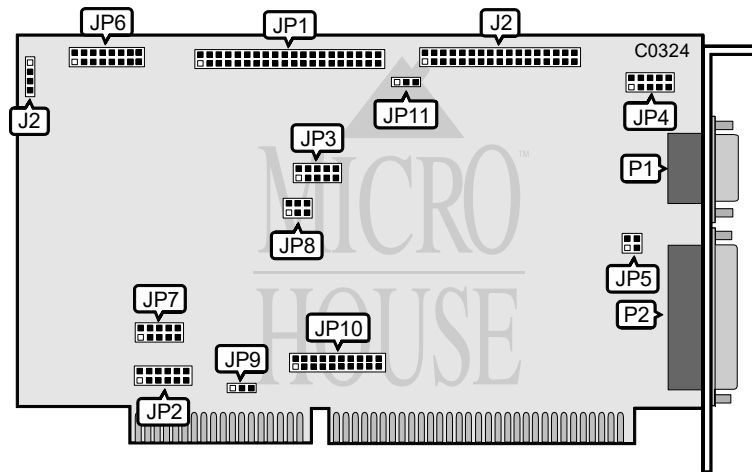


ULTRASTOR CORPORATION

ULTRA 15FM

Q4/93

Data bus: 16-bit, ISA
Size: Half-length, full-height card
Hard drive supported: Two IDE(AT) Interface drives
Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB drives



CONNECTIONS	
Function	Location
34-pin control cable connector-floppy drive	J1
4-pin connector - Drive Active LED	J2
40-pin IDE(AT) Interface connector	JP1
10-pin serial port (COM2/4) - internal	JP4
15-pin game port - external	JP6
10-pin serial port (COM1/3) - internal	P1
25-pin parallel port (LPT1/2) - external	P2

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ULTRASTOR CORPORATION

ULTRA 15FM

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Hard drive enabled	JP2/jumper 1	closed
Hard drive disabled	JP2/jumper 1	open
í Floppy drive enabled	JP2/jumper 2	closed
Floppy drive disabled	JP2/jumper 2	open
í Parallel Port (P2) enabled	JP2/jumper 3	closed
Parallel Port (P2) disabled	JP2/jumper 3	open
í Serial Port 1 (P1) enabled	JP2/jumper 4	closed
Serial Port 1 (P1) disabled	JP2/jumper 4	open
í Serial Port 2 (JP4) enabled	JP2/jumper 5	closed
Serial Port 2 (JP4) disabled	JP2/jumper 5	open
í Game Port (JP6) enabled	JP2/jumper 6	closed
Game Port (JP6) disabled	JP2/jumper 6	open
í Hard drive port address is 1F0-1F7h	JP3/jumper 1	open
Hard drive port address is 170-177h	JP3/jumper 1	closed
í Floppy drive port address is 3F0-3F7h	JP3/jumper 2	open
Floppy drive port address is 370-377h	JP3/jumper 2	closed
í Single speed floppy drives supported	JP3/jumper 3	open
Dual speed floppy drives supported	JP3/jumper 3	closed
í Floppy precomp. is determined by transfer rate	JP3/jumper 4	open
Floppy precomp. is 125ns	JP3/jumper 4	closed
í Third floppy supported on double-twist cable	JP3/jumper 5	open
Third floppy supported on single-twist cable	JP3/jumper 5	closed
í Parallel Port (P2) is standard bi-directional port	JP5/jumper 1	closed
Parallel Port (P2) is PS/2 type bi-directional port	JP5/jumper 1	open
Factory configured - do not alter	JP5/jumper 2	closed
í Parallel Port (CN7) uses 278-27Fh (LPT2)	JP7/jumper 1	closed
Parallel Port (CN7) uses 3F8-3FFh (LPT1)	JP7/jumper 1	open
í Hard drive uses IRQ14	JP9	Pins 2-3 closed
Hard drive uses IRQ15	JP9	Pins 1-2 closed
í Standard data transfer rate	JP11	Pins 1-2 closed
1 MB/S transfer rate (with 82077A support only)	JP11	Pins 2-3 closed

SERIAL PORT 1 (P1) CONFIGURATION		
Address	JP7/jumper 2	JP7/jumper 3
í 3F8-3FFh (COM1)	closed	closed
2F8-2FFh (COM2)	open	closed
3E8-3EFh (COM3)	closed	open
2E8-2EFh (COM4)	open	open

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ULTRASTOR CORPORATION

ULTRA 15FM

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SERIAL PORT 2 (JP4) CONFIGURATION		
Address	JP7/jumper 4	JP7/jumper 5
3F8-3FFh (COM1)	closed	closed
2F8-2FFh (COM2)	open	closed
3E8-3EFh (COM3)	closed	open
2E8-2EFh (COM4)	open	open

BIOS ADDRESS			
Address	JP8/jumper 1	JP8/jumper 2	JP8/jumper 3
Disabled	open	open	open
C800h	open	open	closed
CC00h	open	closed	open
D000h	open	closed	closed
D400h	closed	open	open
D800h	closed	open	closed
DC00h	closed	closed	open
Disabled	closed	closed	closed

SERIAL PORT 1 (P1) INTERRUPT REQUEST				
IRQ	JP10/jumper 1	JP10/jumper 2	JP10/jumper 3	JP10/jumper 4
IRQ2	closed	open	open	open
IRQ3	open	closed	open	open
IRQ4	open	open	closed	open
IRQ5	open	open	open	closed

SERIAL PORT 2 (JP4) INTERRUPT REQUEST				
IRQ	JP10/jumper 5	JP10/jumper 6	JP10/jumper 7	JP10/jumper 8
IRQ2	closed	open	open	open
IRQ3	open	closed	open	open
IRQ4	open	open	closed	open
IRQ5	open	open	open	closed

PARALLEL PORT (P2) INTERRUPT REQUEST		
IRQ	JP10/jumper 9	JP10/jumper 10
IRQ5	closed	open
IRQ7	open	closed

