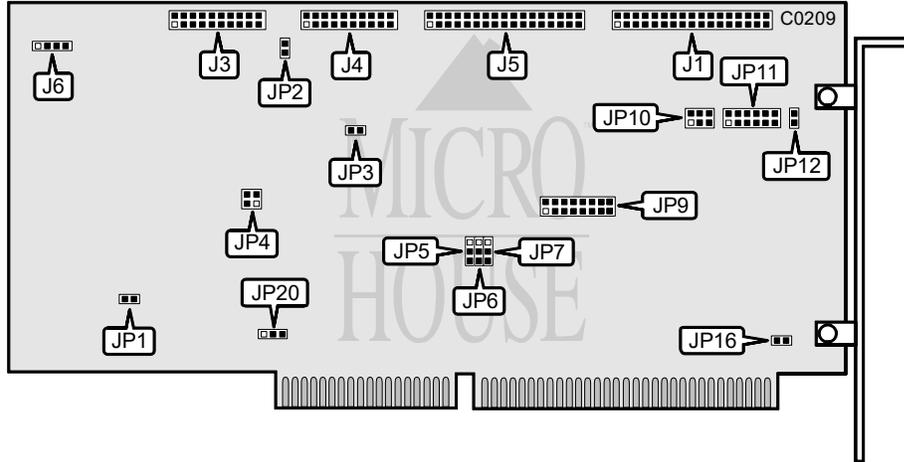


ULTRASTOR CORPORATION ULTRA12F

Q2/92

Data bus: 16-bit, PC/AT
 Size: Full-length, full-height card
 Hard drives supported: Two ESDI drives
 Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB
 Maximum heads/cyl.: 16 heads and 1024 cylinders



CONNECTIONS	
Function	Location
34-pin data cable connector-floppy drive	J1
20-pin data cable connector-drive 1	J3
20-pin data cable connector-drive 0	J4
34-pin control cable connector-hard drive	J5
4-pin connector-drive active LED	J6

BIOS ADDRESS			
Address	JP10/jumper 1	JP10/jumper 2	JP10/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

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ULTRASTOR CORPORATION
ULTRA12F

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USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Factory configured - do not alter	JP1	open
í Factory configured - do not alter	JP2	open
í Factory configured - do not alter	JP3	closed
í Reserved	JP4	pins 1 & 2 open
í Cache enabled	JP4	pins 3 & 4 open
Cache disabled	JP4	pins 3 & 4 closed
í 32KB cache RAM Capacity	JP5	pins 1 & 2 closed
8KB cache RAM Capacity	JP5	pins 2 & 3 closed
Must be closed to enabled 8K/32K Data Buffer	JP6	pins 1 & 2 closed
Reserved, must be left "open"	JP6	pins 2 & 3 closed
Factory use only (hard-wired)	JP7	pins 1 & 2 closed
Reserved	JP9	open
í Supports a third floppy on DS2 with a twisted cable	JP11/jumper 1	open
Supports a third floppy on DS4 with a straight cable	JP11/jumper 1	closed
í Floppy drive 1 is a AT type drive (5.25" or 3.5")	JP11/jumper 2	open
Floppy drive 1 is a 3.5" PS/2 type drive	JP11/jumper 2	closed
í Floppy drive 0 is a AT type drive (5.25" or 3.5")	JP11/jumper 3	open
Floppy drive 0 is a 3.5" PS/2 type drive	JP11/jumper 3	closed
í Floppy drive port address is 3F0-3F7h	JP11/jumper 4	open
Floppy drive port address is 370-377h	JP11/jumper 4	closed
í Single speed floppy drive supported	JP11/jumper 5	open
Dual speed floppy drive supported	JP11/jumper 5	closed
í Floppy drive Precomp. is scaled by data rate: 500KHz=125ns; 300KHz=208ns; 250KHz=250ns	JP11/jumper 6	open
Floppy drive Precomp. is 125ns.	JP11/jumper 6	closed
í Hard drive port address is 1F0-1F7h	JP12	open
Hard drive port address is 170-177h	JP12	closed
í Chassis ground not connected to logic ground	JP16	open
Chassis ground is connected to logic ground	JP16	closed
í Floppy drive enabled	JP17	closed
Floppy drive disabled	JP17	open
í Hard Drive Interrupt is IRQ14	JP20	pins 2 & 3 closed
Hard Drive Interrupt is IRQ15	JP20	pins 1 & 2 closed