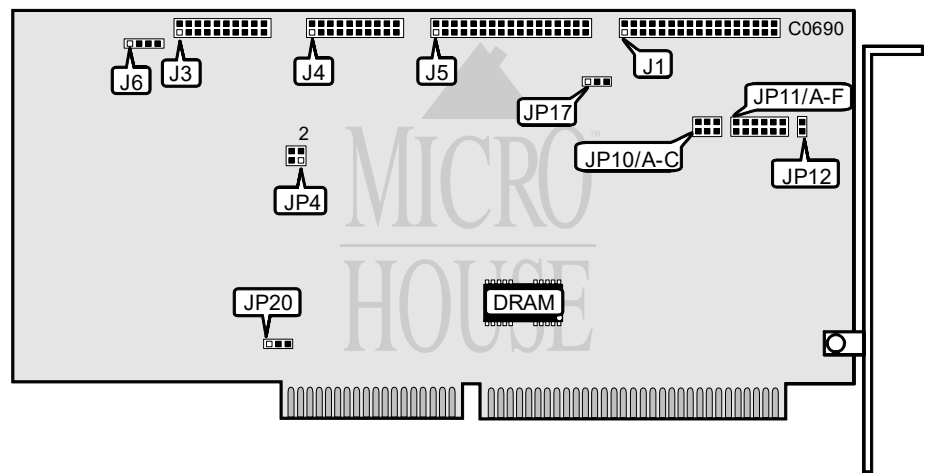


ULTRASTOR CORPORATION  
ULTRA12F24

Q2/95

Data bus: 16-bit, ISA  
Size: Three/Quarter-length, full-height card  
Hard drive supported: Two ESDI drives  
Floppy drives supported: Two 360KB, 720KB, 1.2MB, or 1.44MB



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

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# ULTRASTOR CORPORATION

## ULTRA12F24

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BIOS ADDRESS			
Address	JP10/A	JP10/B	JP10/C
Disabled	open	open	open
í 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

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Factory configured - do not alter	JP4	pins 1 & 2 open
í Cache enabled	JP4	pins 3 & 4 open
Cache disabled	JP4	pins 3 & 4 closed
í Third drive support with a double twisted cable	JP11/A	open
Third drive support with a single twisted cable	JP11/A	closed
í Floppy Drive 1 is a 3.5 or 5.25 AT floppy	JP11/B	open
Floppy Drive 1 is a 3.5 PS/2 floppy	JP11/B	closed
í Floppy Drive 0 is a 3.5 or 5.25 AT floppy	JP11/C	open
Floppy Drive 0 is a 3.5 PS/2 floppy	JP11/C	closed
í Floppy primary port address is 3F0-3F7h	JP11/D	open
Floppy secondary port address is 370-377h	JP11/D	closed
í Single speed floppy drive support	JP11/E	open
Dual speed floppy drive support	JP11/E	closed
í Precompensation varies: 250ns, 208ns, 125ns	JP11/F	open
Precompensation set to 125ns	JP11/F	closed
í Hard disk primary I/O address is 1F0-1F7	JP12	open
Hard disk secondary I/O address is 170-177h	JP12	closed
í Floppy drive enabled	JP17	closed
Floppy drive disabled	JP17	open
í Interrupt is IRQ14	JP20	pins 2 & 3 closed
Interrupt is IRQ15	JP20	pins 1 & 2 closed

DRAM CONFIGURATION NOTE
Note: The ULTRA12F24 is installed with 32KB of cache.