

# TMC RESEARCH CORPORATION

## IFSP (VER. 1.0A)

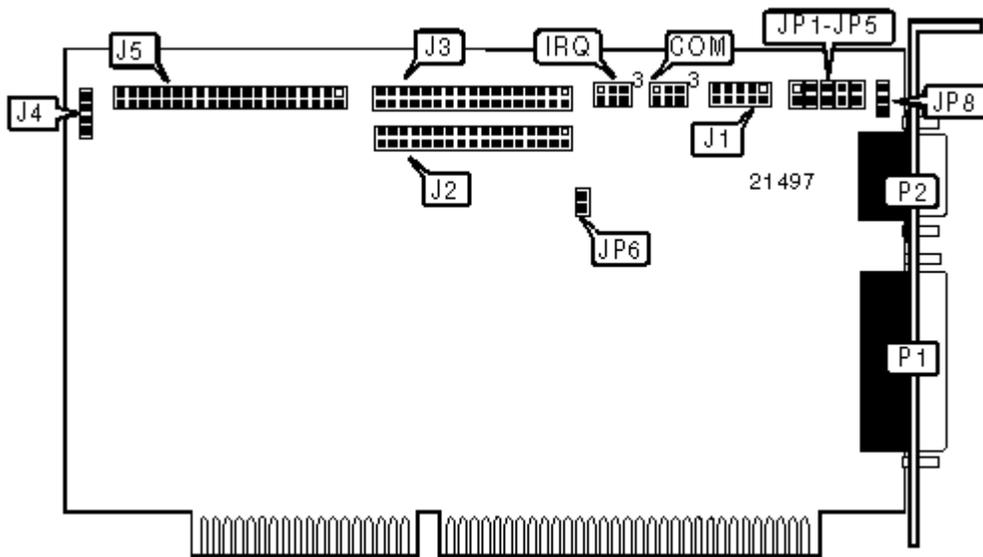
Card Type Hard drive controller card

**Hard Drives supported** Two IDE (AT) drives

**Floppy drives supported** Four 360KB, 720KB, 1.2MB, or 1.44MB drives

Data Bus 16-bit ISA

Card Size Half-length, full-height card



CONNECTIONS			
Function	Location	Function	Location
10-pin serial port 2 - internal	J1	40-pin IDE(AT) connector	J5
34-pin cable 1 connector - floppy drive	J2	25-pin parallel port - external	P1

34-pin cable 2 connector - floppy drive	J3	9-pin serial port 1 - external	P2
4-pin connector - drive active LED	J4		

USER CONFIGURABLE SETTINGS			
	Function	Label	Position
»	Serial port 2 enabled	JP4	Closed
	Serial port 2 disabled	JP4	Open
»	Serial port 1 enabled	JP5	Closed
	Serial port 1 disabled	JP5	Open
»	IDE(AT) interface enabled	JP6	Closed
	IDE(AT) interface disabled	JP6	Open
»	Parallel port IRQ 7 select	JP8	Pins 1 & 2 closed
	Parallel port IRQ 5 select	JP8	Pins 2 & 3 closed

PARALLEL PORT ADDRESS AND IRQ SELECTION					
Setting	IRQ	JP1	JP2	JP3	JP8

LPT1 (378h)	7	Open	Open	Closed	Pins 1 & 2 closed
LPT2 (278h)	7	Open	Closed	Open	Pins 1 & 2 closed
LPT3 (3BCh)	5	Closed	Open	Open	Pins 2 & 3 closed
Disabled	None	Closed	Closed	Closed	N/A

SERIAL PORT 1 ADDRESS AND IRQ SELECTION			
Setting	Interrupt	IRQ	COM
COM1 (3F8h)	4	Pins 1 & 2 closed	Pins 1 & 2 closed
COM3 (3E8h)	5	Pins 2 & 3 closed	Pins 2 & 3 closed
Disabled	None	Open	Open

SERIAL PORT 2 ADDRESS AND IRQ SELECTION			
Setting	Interrupt	IRQ	COM
COM2 (2F8h)	3	Pins 4 & 5 closed	Pins 4 & 5 closed
COM4 (2E8h)	5	Pins 5 & 6 closed	Pins 5 & 6 closed
Disabled	None	Open	Open