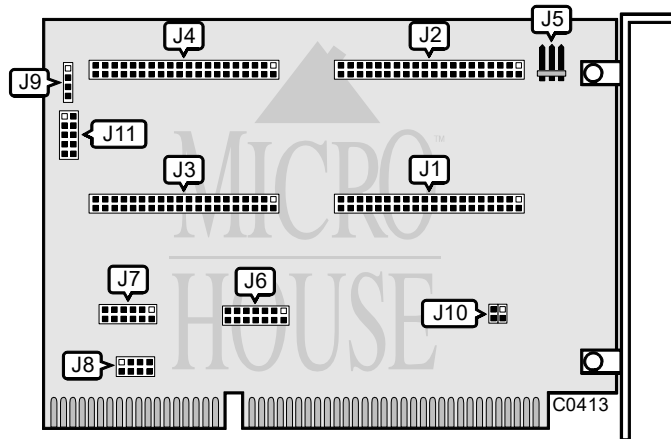# GSI, INC.
MODEL 4C INTELLIGENT IDEA

Q1/94

Data bus: 16-bit, ISA
Size: Half-length, full-height card
Hard drive supported: Eight IDE (AT) Interface drives
Floppy drives supported: None

CONNECTIONS	
Function	Location
40-pin IDE(AT) Interface connector IDE-1	J1
40-pin IDE(AT) Interface connector IDE-2	J2
40-pin IDE(AT) Interface connector IDE-3	J3
40-pin IDE(AT) Interface connector IDE-4	J4
5-pin connector - DC power	J5
4-pin connector - drive active LED - IDE-1-IDE-4	J9
2-pin connector - drive active LED - IDE-1	J11/jumper 1
2-pin connector - drive active LED - IDE-2	J11/jumper 2
2-pin connector - drive active LED - IDE-3	J11/jumper 3
2-pin connector - drive active LED - IDE-4	J11/jumper 4
2-pin connector - drive active LED - IDE-1-IDE-4	J11/jumper 5

HARD DRIVE IDE-4 INTERRUPT REQUEST		
IRQ	J6/jumper 1	J6/jumper 2
9	closed	open
í 10	open	closed
Disabled	open	open

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HARD DRIVE IDE-3 INTERRUPT REQUEST		
IRQ	J6/jumper 3	J6/jumper 4
í 11	closed	open
12	open	closed
Disabled	open	open

HARD DRIVE IDE-2 INTERRUPT REQUEST		
IRQ	J6/jumper 5	J6/jumper 6
10	closed	open
í 15	open	closed
Disabled	open	open

USER CONFIGURABLE SETTINGS		
Function	Location	Setting
í Interrupt Request IRQ14 for IDE-1 enabled	J6/jumper 7	closed
Interrupt Request IRQ14 for IDE-1 disabled	J6/jumper 7	open
IDE-3 DMA Acknowledge DACK5 enabled	J7/jumper 1	closed
í IDE-3 DMA Acknowledge DACK5 disabled	J7/jumper 1	open
IDE-3 DMA Request is DREQ5 enabled	J7/jumper 2	closed
í IDE-3 DMA Request is DREQ5 disabled	J7/jumper 2	open
IDE-2 DMA Acknowledge DACK6 enabled	J7/jumper 3	closed
í IDE-2 DMA Acknowledge DACK6 disabled	J7/jumper 3	open
IDE-2 DMA Request is DREQ6 enabled	J7/jumper 4	closed
í IDE-2 DMA Request is DREQ6 disabled	J7/jumper 4	open
IDE-1 DMA Acknowledge DACK7 enabled	J7/jumper 5	closed
í IDE-1 DMA Acknowledge DACK7 disabled	J7/jumper 5	open
IDE-1 DMA Request is DREQ7 enabled	J7/jumper 6	closed
í IDE-1 DMA Request is DREQ7 disabled	J7/jumper 6	open
í Hard drive IDE-1 enabled	J8/jumper 1	closed
Hard drive IDE-1 disabled	J8/jumper 1	open
í Hard drive IDE-2 enabled	J8/jumper 2	closed
Hard drive IDE-2 disabled	J8/jumper 2	open
í Hard drive IDE-3 enabled	J8/jumper 3	closed
Hard drive IDE-3 disabled	J8/jumper 3	open
í Hard drive IDE-4 enabled	J8/jumper 4	closed
Hard drive IDE-4 disabled	J8/jumper 4	open

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BIOS ADDRESS - J10		
Address	J10/jumper 1	J10/jumper 2
í CC00-CDFFh	closed	closed
D400-D5FFh	open	closed
DC00-DDFFh	closed	open
E000-E1FFh	open	open

MISCELLANEOUS TECHNICAL NOTES
IDE-4 has no DMA capability. For any disabled IDE channels, disable corresponding Interrupt Request and DMA configuration.