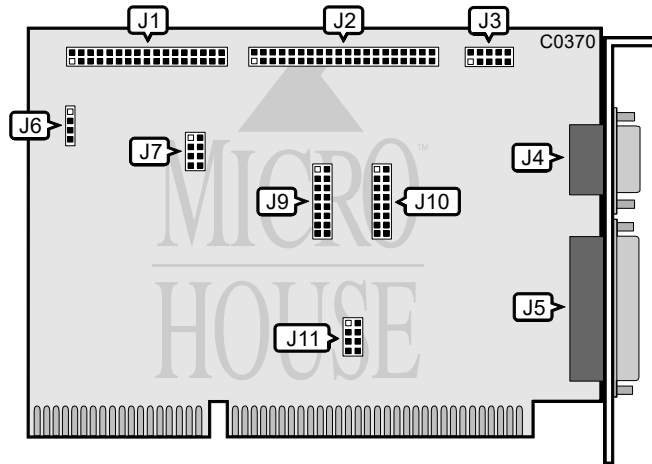


# BOCA RESEARCH, INC. IDE PLUS

Q1/94

**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       |
| 40-pin IDE(AT) Interface connector            | J2       |
| 10-pin serial port (COM2/4) - internal        | J3       |
| 10-pin serial port (COM1/3) - external        | J4       |
| 25-pin parallel port (LPT1/2) - external      | J5       |
| 4-pin connector - Drive active LED            | J6       |

| HARD DRIVE PORT ADDRESS             |             |             |
|-------------------------------------|-------------|-------------|
| Function                            | J7/jumper 1 | J7/jumper 2 |
| Hard drive port address is 1F0-1F7h | closed      | open        |
| Hard drive port address is 170-177h | open        | closed      |
| Disabled                            | open        | open        |

| FLOPPY DRIVE PORT ADDRESS             |             |             |
|---------------------------------------|-------------|-------------|
| Function                              | J7/jumper 3 | J7/jumper 4 |
| Floppy drive port address is 3F0-3F7h | closed      | open        |
| Floppy drive port address is 370-377h | open        | closed      |
| Disabled                              | open        | open        |

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IDE PLUS**

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| SERIAL PORT 1 (J4) CONFIGURATION |             |             |             |             |
|----------------------------------|-------------|-------------|-------------|-------------|
| COM                              | J9/jumper 1 | J9/jumper 2 | J9/jumper 3 | J9/jumper 4 |
| COM1                             | closed      | open        | open        | open        |
| COM2                             | open        | closed      | open        | open        |
| COM3                             | open        | open        | closed      | open        |
| COM4                             | open        | open        | open        | closed      |
| Disabled                         | open        | open        | open        | open        |

| SERIAL PORT 1 (J4) INTERRUPT REQUEST |             |             |             |             |
|--------------------------------------|-------------|-------------|-------------|-------------|
| IRQ                                  | J9/jumper 5 | J9/jumper 6 | J9/jumper 7 | J9/jumper 8 |
| 3                                    | closed      | open        | open        | open        |
| 4                                    | open        | closed      | open        | open        |
| 5                                    | open        | open        | closed      | open        |
| 7                                    | open        | open        | open        | closed      |
| Disabled                             | open        | open        | open        | open        |

| SERIAL PORT 2 (J3) CONFIGURATION |              |              |              |              |
|----------------------------------|--------------|--------------|--------------|--------------|
| COM                              | J10/jumper 1 | J10/jumper 2 | J10/jumper 3 | J10/jumper 4 |
| COM1                             | closed       | open         | open         | open         |
| COM2                             | open         | closed       | open         | open         |
| COM3                             | open         | open         | closed       | open         |
| COM4                             | open         | open         | open         | closed       |
| Disabled                         | open         | open         | open         | open         |

| SERIAL PORT 2 (J3) INTERRUPT REQUEST |              |              |              |              |
|--------------------------------------|--------------|--------------|--------------|--------------|
| IRQ                                  | J10/jumper 5 | J10/jumper 6 | J10/jumper 7 | J10/jumper 8 |
| 3                                    | closed       | open         | open         | open         |
| 4                                    | open         | closed       | open         | open         |
| 5                                    | open         | open         | closed       | open         |
| 7                                    | open         | open         | open         | closed       |
| Disabled                             | open         | open         | open         | open         |

| PARALLEL PORT (J5) CONFIGURATION |              |              |
|----------------------------------|--------------|--------------|
| LPT                              | J11/jumper 1 | J11/jumper 2 |
| LPT1 enabled                     | open         | closed       |
| LPT2 enabled                     | closed       | open         |
| Disabled                         | open         | open         |

| PARALLEL PORT (J5) INTERRUPT REQUEST |              |              |
|--------------------------------------|--------------|--------------|
| IRQ                                  | J11/jumper 3 | J11/jumper 4 |
| 5                                    | closed       | open         |
| 7                                    | open         | closed       |