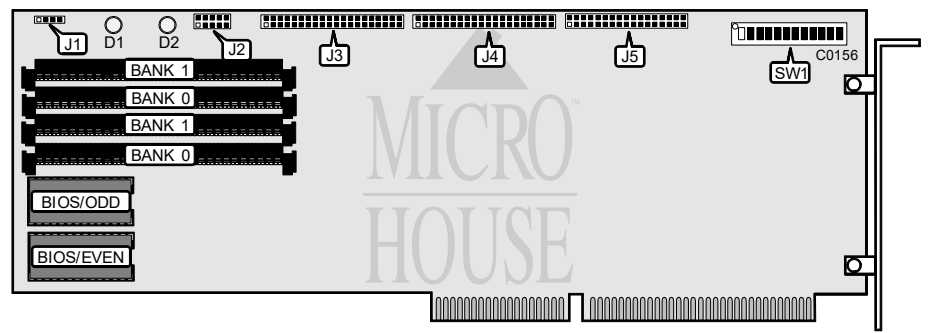


PERCEPTIVE SOLUTIONS, INC.  
EASYCACHE IDE, EASYCACHE PRO IDE

Q4/92

Data bus: 16-bit, ISA  
Size: Full-length, full-height card  
Hard Drives Supported: Four AT Interface (IDE) drives  
Floppy Drives Supported: Two 360KB, 720KB, 1.2MB, or 1.44MB drives



| CONNECTIONS                                 |          |
|---|----------|
| Function                                    | Location |
| 4-pin connector-drive active LED            | J1       |
| 9-pin serial port                           | J2       |
| 40-pin control cable connector-hard drive 1 | J3       |
| 40-pin control cable connector-hard drive 2 | J4       |
| 34-pin control cable connector-floppy drive | J5       |

| USER CONFIGURABLE SETTINGS                       |               |         |
|--|---------------|---------|
| Function   | Location      | Setting |
| Hard drive port address 1F0-1F7h, 3F0-3F1h, 3F7h | SW1/switch 3  | off     |
| Hard drive port address 170-177h, 370-371h, 377h | SW1/switch 3  | on      |
| Floppy drive enabled                             | SW1/switch 4  | off     |
| Floppy drive disabled                            | SW1/switch 4  | on      |
| Single-speed floppy supported                    | SW1/switch 5  | off     |
| Dual-speed floppy supported                      | SW1/switch 5  | on      |
| Factory configured - do not alter                | SW1/switch 10 | off     |
| hSOS load enabled                                | SW1/switch 11 | off     |
| hSOS load disabled                               | SW1/switch 11 | on      |
| Factory configured - do not alter                | SW1/switch 12 | off     |

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## EASYCACHE IDE, EASYCACHE PRO IDE

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| BIOS ADDRESS |              |              |
|--------------|--------------|--------------|
| Address      | SW1/switch 1 | SW1/switch 2 |
| í D800h      | on           | off          |
| D000h        | off          | on           |
| C800h        | off          | off          |
| Disabled     | on           | on           |

| INTERRUPT REQUEST |              |              |              |              |
|-------------------|--------------|--------------|--------------|--------------|
| IRQ               | SW1/switch 6 | SW1/switch 7 | SW1/switch 8 | SW1/switch 9 |
| Disabled          | off          | off          | off          | off          |
| IRQ5              | on           | off          | off          | off          |
| IRQ12             | off          | on           | off          | off          |
| í IRQ14           | off          | off          | on           | off          |
| IRQ15             | off          | off          | off          | on           |

| CACHE MEMORY CONFIGURATION  |              |              |
|---|--------------|--------------|
| Size  | Bank 0       | Bank 1       |
| 512KB   | (2) 256K x 9 | NONE         |
| 1MB   | (2) 256K x 9 | (2) 256K x 9 |
| 2MB   | (2) 1M x 9   | NONE         |
| 2.5MB   | (2) 1M x 9   | (2) 256K x 9 |
| 4MB   | (2) 1M x 9   | (2) 1M x 9   |
| 8MB*  | (2) 4M x 9   | NONE         |
| 8.5MB*  | (2) 4M x 9   | (2) 256K x 9 |
| 10MB*   | (2) 4M x 9   | (2) 1M x 9   |
| 16MB*   | (2) 4M x 9   | (2) 4M x 9   |
| Note: * 4MBx9 SIMM's are only supported by the easyCACHE Pro IDE controller |              |              |

| LED INFORMATION                                   |    |
|---|----|
| Hard drive read, write, or seek in progress.      |    |
| Lights solid to indicate dirty cache              | D1 |
| Data transfer between cache and host in progress. | D2 |