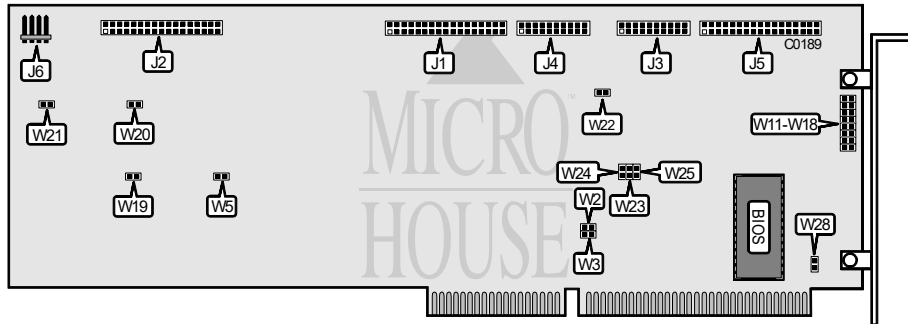


SCIENTIFIC MICRO SYSTEMS OMTI 8640

| | |
|--------------------------|-------------------------------------|
| Data bus: | 16-bit, ISA |
| Size: | Full-length, full-height card |
| Hard drives supported: | Two ESDI RLL drives |
| Floppy drives supported: | Four 360KB, 720KB, 1.2MB, or 1.44MB |
| Sector interleave: | 1:1 |
| Maximum heads/cyl.: | 16 heads and 2048 cylinders |



| CONNECTIONS | |
|--|----------|
| Function | Location |
| 34-pin data cable connector-floppy drive 1 & 2 | J1 |
| 34-pin data cable connector-floppy drive 3 & 4 | J2 |
| 20-pin data cable connector-drive 0 | J3 |
| 20-pin data cable connector-drive 1 | J4 |
| 34-pin control cable connector-hard drive | J5 |
| 4-pin connector-drive active LED | J6 |

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SCIENTIFIC MICRO SYSTEMS

OMTI 8640

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| USER CONFIGURABLE SETTINGS | | |
|---|----------|-------------------|
| Function | Location | Setting |
| í Floppy drive port address is 3F0-3F7h | W2 | open |
| Floppy drive port address is 370-377h | W2 | closed |
| í Hard drive port address is 1F0-1F7h | W3 | open |
| Hard drive port address is 170-177h | W3 | closed |
| í Floppy enabled | W5 | open |
| Floppy drive disabled | W5 | closed |
| í SPT-read from drive | W16 | open |
| SPT-calculate and set | W16 | closed |
| í Cache disabled | W17 | open |
| Cache enabled | W17 | closed |
| í Track Offset Cmd. and Data Strobe Offset disabled | W18 | open |
| Track Offset Cmd. and Data Strobe Offset enabled | W18 | closed |
| í Single speed floppy drive supported | W19 | open |
| Dual speed floppy drive Supported | W19 | closed |
| í Floppy connector (CN1) polarity active high | W20 | pins 1 & 2 closed |
| Floppy connector (CN1) polarity active low | W20 | pins 2 & 3 closed |
| í Floppy connector (CN1) polarity active high | W21 | pins 1 & 2 closed |
| Floppy connector (CN1) polarity active low | W21 | pins 2 & 3 closed |
| í BIOS enabled | W25 | closed |
| BIOS disabled | W25 | open |
| í Chassis not grounded | W28 | open |
| Chassis grounded | W28 | closed |
| Note: W22, & W11-15 are not documented | | |

| BIOS ADDRESS | | |
|--------------|------------|------------|
| Address | Jumper W23 | Jumper W24 |
| í C8000h | closed | closed |
| CA000h | closed | open |
| CC000h | open | closed |
| CE000h | open | open |