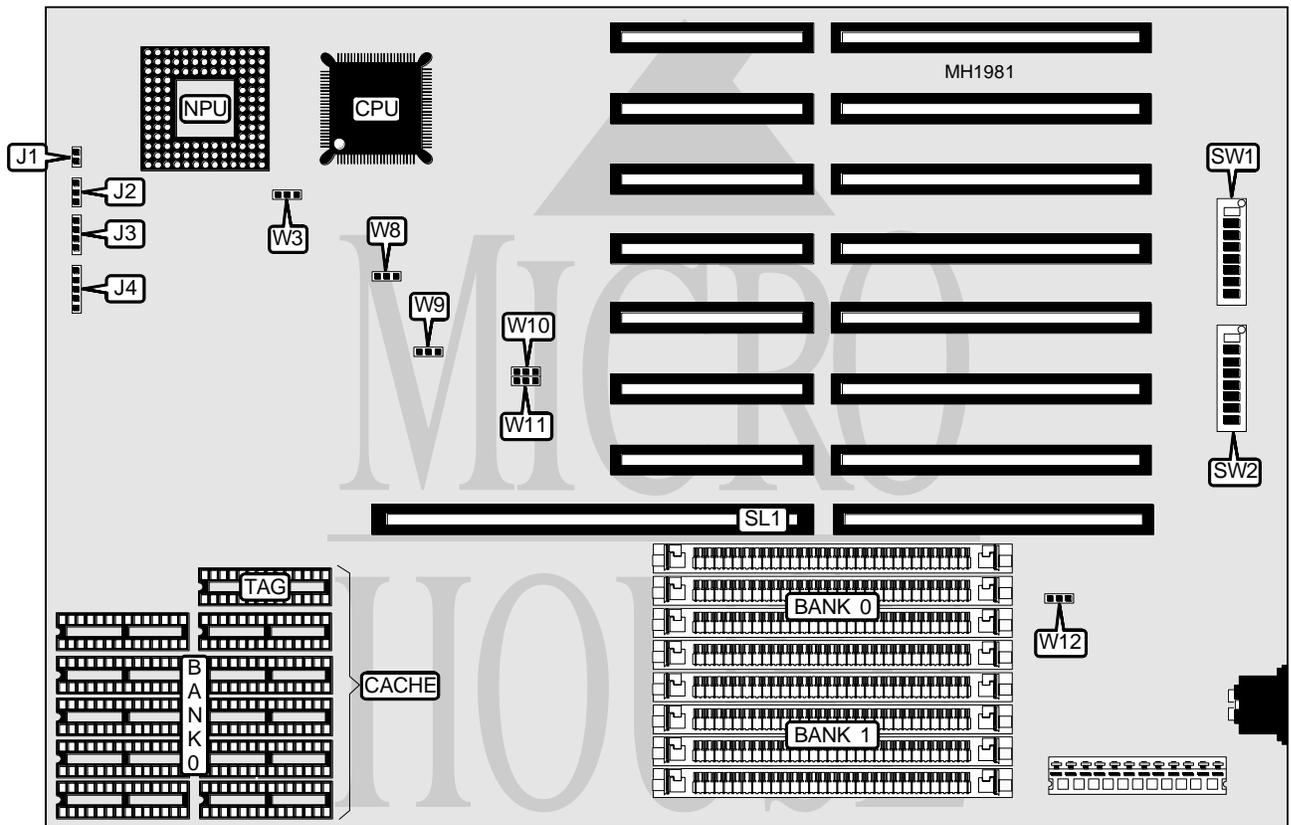


TECHNOLOGY POWER ENTERPRISES, INC. GENESIS SABRE 3000 SERIES

| | |
|--------------------------|--|
| Processor | 80386DX |
| Processor Speed | 25/33/40MHz |
| Chip Set | Unidentified |
| Max. Onboard DRAM | 64MB (with external memory card installed) |
| Cache | 64/256KB |
| BIOS | Unidentified |
| Dimensions | 330mm x 218mm |
| I/O Options | 32-bit external memory card |
| NPU Options | 80387DX/3167 |



| CONNECTIONS | | | |
|---------------------|----------|-----------------------------|----------|
| Purpose | Location | Purpose | Location |
| Power LED & keylock | J1 | Reset switch | J4 |
| Speaker | J2 | 32-bit external memory card | SL1 |
| Turbo switch | J3 | | |

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TECHNOLOGY POWER ENTERPRISES, INC.
GENESIS SABRE 3000 SERIES

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| USER CONFIGURABLE SETTINGS | | |
|--|---------------|-------------------|
| Function | Jumper/Switch | Position |
| í Boot up speed selection - keyboard switching enabled | W3 | pins 1 & 2 closed |
| Boot up speed selection - low speed only enabled | W3 | pins 2 & 3 closed |
| Boot up speed selection - high speed only enabled | W3 | Open |
| í Burst mode support enabled | W4 & W5 | pins 2 & 3 closed |
| Burst mode support disabled | W4 & W5 | pins 1 & 2 closed |
| í DMA channel select 8MHz | W8 | pins 2 & 3 closed |
| DMA channel select 16MHz | W8 | pins 1 & 2 closed |
| í BIOS type select 512KB | W9 | pins 1 & 2 closed |
| BIOS type select 256KB | W9 | pins 2 & 3 closed |
| í Monitor type select color | W12 | pins 2 & 3 closed |
| Monitor type select monochrome | W12 | pins 1 & 2 closed |
| í Factory configured - do not alter | SW1/1 | On |
| í Factory configured - do not alter | SW1/2 | Off |
| í Factory configured - do not alter | SW2/1 | On |
| í Factory configured - do not alter | SW2/2 | On |
| í VGA shadowing enabled | SW2/3 | On |
| VGA shadowing disabled | SW2/3 | Off |
| í Factory configured - do not alter | SW2/4 | Off |
| í BIOS shadowing enabled | SW2/5 | On |
| BIOS shadowing disabled | SW2/5 | Off |
| í Factory configured - do not alter | SW2/6 | Off |
| í Factory configured - do not alter | SW2/7 | Off |
| í Factory configured - do not alter | SW2/8 | Off |

Note: The location of W4 & W5 are unidentified.

| CACHE CONFIGURATION | | |
|---------------------|--------------|-------------|
| Size | Bank 0 | TAG |
| 64KB | (10) 16K x 4 | (1) 16K x 4 |
| 256KB | (9) 64K x 4 | (1) 64K x 4 |

Note: The location of the empty DIP is unidentified.

| CACHE SWITCH CONFIGURATION | | |
|----------------------------|-------|-------|
| Size | SW1/3 | SW1/4 |
| 64KB | Off | Off |
| 256KB | On | On |

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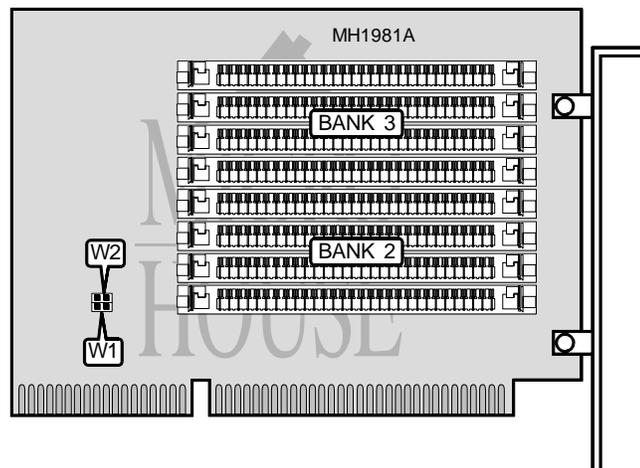
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GENESIS SABRE 3000 SERIES

| DRAM CONFIGURATION | | | | |
|--------------------|--------------|--------------|------------|------------|
| Size | Bank 0 | Bank 1 | Bank 2 | Bank 3 |
| 1MB | (4) 256K x 9 | NONE | NONE | NONE |
| 2MB | (4) 256K x 9 | (4) 256K x 9 | NONE | NONE |
| 4MB | (4) 1M x 9 | NONE | NONE | NONE |
| 6MB | (4) 256K x 9 | (4) 256K x 9 | (4) 1M x 9 | NONE |
| 8MB | (4) 4M x 9 | (4) 4M x 9 | NONE | NONE |
| 10MB | (4) 256K x 9 | (4) 256K x 9 | (4) 1M x 9 | (4) 1M x 9 |
| 12MB | (4) 1M x 9 | (4) 1M x 9 | (4) 1M x 9 | NONE |
| 16MB | (4) 1M x 9 | (4) 1M x 9 | (4) 1M x 9 | (4) 1M x 9 |
| 24MB | (4) 1M x 9 | (4) 1M x 9 | (4) 4M x 9 | NONE |
| 32MB | (4) 4M x 9 | (4) 4M x 9 | NONE | NONE |
| 40MB | (4) 4M x 9 | (4) 4M x 9 | (4) 1M x 9 | (4) 1M x 9 |
| 48MB | (4) 4M x 9 | (4) 4M x 9 | (4) 4M x 9 | NONE |
| 64MB | (4) 4M x 9 | (4) 4M x 9 | (4) 4M x 9 | (4) 4M x 9 |

Note: Bank 2 and Bank 3 are located on the external memory card.

| DRAM JUMPER CONFIGURATION | | |
|---------------------------|-------------------|-------------------|
| SIMM type | W10 | W11 |
| 256K x 9 | pins 2 & 3 closed | pins 2 & 3 closed |
| 1M x 9 | pins 1 & 2 closed | pins 2 & 3 closed |
| 4M x 9 | pins 1 & 2 closed | pins 1 & 2 closed |



| DRAM TYPE CONFIGURATION | | |
|-------------------------|-------------------|-------------------|
| SIMM Type | W1 | W2 |
| 256K x 9 | pins 2 & 3 closed | pins 2 & 3 closed |
| 1M x 9 | pins 1 & 2 closed | pins 2 & 3 closed |
| 4M x 9 | pins 1 & 2 closed | pins 1 & 2 closed |

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TECHNOLOGY POWER ENTERPRISES, INC.
GENESIS SABRE 3000 SERIES

... continued from previous page

| DRAM SWITCH CONFIGURATION | | | | | | |
|---------------------------|--------------|--------------|-------|-------|-------|-------|
| Size | Main board | 32-bit board | SW1/5 | SW1/6 | SW1/7 | SW1/8 |
| 1MB | (4) 256K x 9 | NONE | On | On | On | On |
| 2MB | (8) 256K x 9 | NONE | On | Off | On | On |
| 4MB | (4) 1M x 9 | NONE | On | On | On | Off |
| 6MB | (8) 256K x 9 | (4) 1M x 9 | Off | On | On | On |
| 8MB | (8) 1M x 9 | NONE | On | Off | On | Off |
| 10MB | (8) 256K x 9 | (8) 1M x 9 | Off | Off | On | On |
| 12MB | (8) 1M x 9 | (4) 1M x 9 | Off | On | On | Off |
| 16MB | (8) 1M x 9 | (8) 1M x 9 | Off | Off | On | Off |
| 16MB | (4) 4M x 9 | NONE | On | On | Off | Off |
| 24MB | (8) 1M x 9 | (4) 4M x 9 | Off | On | Off | On |
| 32MB | (8) 4M x 9 | NONE | On | Off | Off | Off |
| 40MB | (8) 1M x 9 | (8) 4M x 9 | Off | Off | Off | On |
| 48MB | (8) 4M x 9 | (4) 4M x 9 | Off | On | Off | Off |
| 64MB | (8) 4M x 9 | (8) 4M x 9 | Off | Off | Off | Off |