# APRICOT COMPUTERS LIMITED
# X E N - P C / P C M

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|---|---|
| **Processor** | CX486M6/CX486CXM6 &C6/80486SX/CX486M7/80486DX/80486DX2/Pentium Overdrive/Pentium |
| **Processor Speed** | 25/33/40/50(internal)/60/66(internal)/66MHz |
| **Chip Set** | ALI/Intel/VLSI |
| **Max. Onboard DRAM** | 128MB |
| **Cache** | 64/128/256/512KB |
| **BIOS** | Unidentified |
| **Dimensions** | 330mm x 218mm |
| **I/O Options** | 32-bit PCI local bus slot (on riser card), floppy drive interface, IDE interface, parallel port, PS/2 mouse port, serial ports (2), VGA port |
| **NPU Options** | None |



| CONNECTIONS | | | |
|---|---|---|---|
| Purpose | Location | Purpose | Location |
| VGA port | CN1 | PS/2 mouse port | CN5 |
| Parallel port | CN2 | Floppy drive interface | CN6 |
| Serial port 1 | CN3 | IDE interface | CN7 |
| Serial port 2 | CN4 | Riser Card | SL1 |
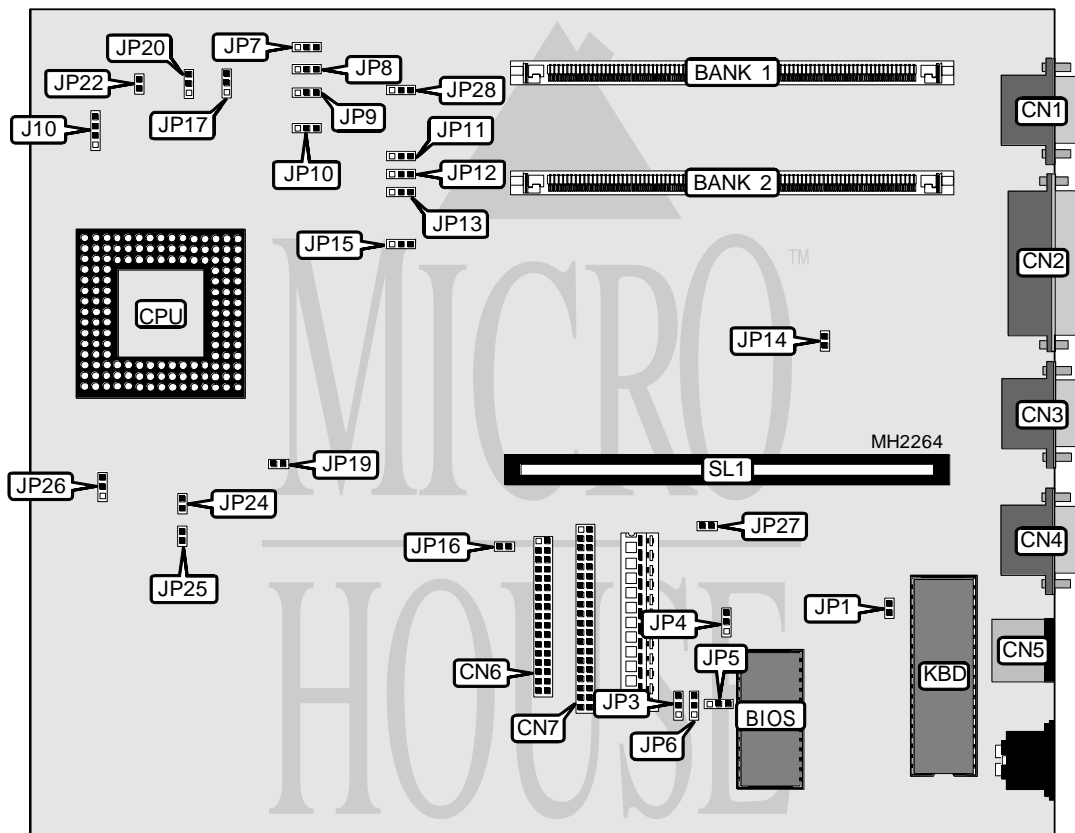
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| USER CONFIGURABLE SETTINGS | | |
|---|---|---|
| Function | Jumper | Position |
| í  Factory configured - do not alter | J10 | Open |
| í  BIOS type select original | JP1 | Open |
|    BIOS type select OEM | JP1 | Closed |
| í  Security enabled | JP2 | pins 1 & 2 closed |
|    Security disabled | JP2 | pins 2 & 3 closed |
| í  Factory configured - do not alter | JP3 | Open |
| í  BIOS type select Flash | JP4 | pins 1 & 2 closed |
|    BIOS type select EPROM | JP4 | pins 2 & 3 closed |
| í  Floppy drive select normal | JP5 | pins 1 & 2 closed |
|    Floppy drive select 3 mode | JP5 | pins 2 & 3 closed |
| í  IDE I/O address select 03xH | JP6 | pins 1 & 2 closed |
|    IDE I/O address select 0BxH | JP6 | pins 2 & 3 closed |
| í  On board video disabled | JP14 | Open |
|    On board video enabled | JP14 | Closed |
| í  IDE interface enabled | JP16 | Open |
|    IDE interface disabled | JP16 | Closed |
| í  Factory configured - do not alter | JP19 | Open |
| í  Key select locked | JP22 | Open |
|    Key select unlocked | JP22 | Closed |
| í  On board memory enabled | JP28 | pins 1 & 2 closed |
|    On board memory disabled | JP28 | pins 2 & 3 closed |
| Note:    The location of JP2 is unknown. | | |

| DRAM CONFIGURATION (NON PENTIUM) | | |
|---|---|---|
| Size | Bank 1 | Bank 2 |
| 4MB | NONE | NONE |
| 8MB | NONE | (1) 1M x 36 |
| 8MB | (1) 1M x 36 | NONE |
| 12MB | NONE | (1) 2M x 36 |
| 12MB | (1) 1M x 36 | (1) 1M x 36 |
| 16MB | (1) 1M x 36 | (1) 2M x 36 |
| 20MB | NONE | (1) 4M x 36 |
| 20MB | (1) 4M x 36 | NONE |
| 24MB | (1) 1M x 36 | (1) 4M x 36 |
| 24MB | (1) 4M x 36 | (1) 1M x 36 |
| 28MB | (1) 4M x 36 | (1) 2M x 36 |
| 36MB | (1) 4M x 36 | (1) 4M x 36 |
| Note:    Bank 0 contains 4MB & is factory installed. | | |

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| DRAM CONFIGURATION (PENTIUM) | | |
|---|---|---|
| Size | Bank 1 | Bank 2 |
| 8MB | NONE | NONE |
| 16MB | (1) 1M x 36 | (1) 1M x 36 |
| 16MB | (1) 2M x 36 | NONE |
| 20MB | (1) 1M x 36 | (1) 2M x 36 |
| 24MB | (1) 2M x 36 | (1) 2M x 36 |
| 24MB | (1) 4M x 36 | NONE |
| 28MB | (1) 1M x 36 | (1) 4M x 36 |
| 32MB | (1) 2M x 36 | (1) 4M x 36 |
| 40MB | (1) 4M x 36 | (1) 4M x 36 |
| 40MB | (1) 8M x 36 | NONE |
| 44MB | (1) 1M x 36 | (1) 8M x 36 |
| 48MB | (1) 2M x 36 | (1) 8M x 36 |
| 56MB | (1) 4M x 36 | (1) 8M x 36 |
| 72MB | (1) 8M x 36 | (1) 8M x 36 |
| 72MB | (1) 16M x 36 | NONE |
| 76MB | (1) 1M x 36 | (1) 16M x 36 |
| 80MB | (1) 2M x 36 | (1) 16M x 36 |
| 88MB | (1) 4M x 36 | (1) 16M x 36 |
| 104MB | (1) 8M x 36 | (1) 16M x 36 |
| 128MB | (1) 16M x 36 | (1) 16M x 36 |
| Note:   Bank 0 contains 8MB & is factory installed.  When 128MB is installed, the on board memory is disabled. | | |

| CACHE CONFIGURATION |
|---|
| Note:   The location and bank configuration of cache is unknown. |

| CACHE JUMPER CONFIGURATION | | | |
|---|---|---|---|
| Size | JP24 | JP25 | JP26 |
| 64KB | Open | Open | pins 1 & 2 closed |
| 128KB | Open | Closed | pins 2 & 3 closed |
| 256KB | Closed | Closed | pins 1 & 2 closed |
| Note:   The jumper settings for 512KB cache is unknown. | | | |

| CPU TYPE CONFIGURATION | | | | | | | |
|---|---|---|---|---|---|---|---|
| Type | JP11 | JP12 | JP13 | JP15 | JP18 | JP20 | JP27 |
| CX486M6 | 2 & 3 | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | Open |
| CX486M7 | 2 & 3 | 1 & 2 | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | Open |
| CXM6 & C6 | 2 & 3 | 1 & 2 | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | Open |
| 80486 | 1 & 2 | 1 & 2 | 1 & 2 | 1 & 2 | 2 & 3 | 2 & 3 | Open |
| P24T | 1 & 2 | 2 & 3 | 1 & 2 | 2 & 3 | 1 & 2 | 2 & 3 | Closed |
| Note:   The jumper settings for the Pentium processor are unknown.  Pins designated should be in the closed position.   The location of JP18 is unknown. | | | | | | | |

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| CPU SPEED CONFIGURATION | | | | | |
|---|---|---|---|---|---|
| Speed | JP7 | JP8 | JP9 | JP10 | JP17 |
| 25MHz | 2 & 3 | 2 & 3 | 1 & 2 | 2 & 3 | 2 & 3 |
| 33MHz | 1 & 2 | 2 & 3 | 1 & 2 | 2 & 3 | 2 & 3 |
| 40MHz | 1 & 2 | 1 & 2 | 2 & 3 | 1 & 2 | 1 & 2 |
| 50iMHz | 2 & 3 | 2 & 3 | 1 & 2 | 2 & 3 | 2 & 3 |
| 50MHz | 2 & 3 | 2 & 3 | 1 & 2 | 1 & 2 | 1 & 2 |
| 66iMHz | 1 & 2 | 2 & 3 | 1 & 2 | 2 & 3 | 2 & 3 |
| Note:   The jumper settings for the Pentium processor are unknown.  Pins designated should be in the closed position. | | | | | |

| MISCELLANEOUS TECHNICAL NOTE | 
|---|
| Note:     Not all options listed in this document are available on each motherboard. |