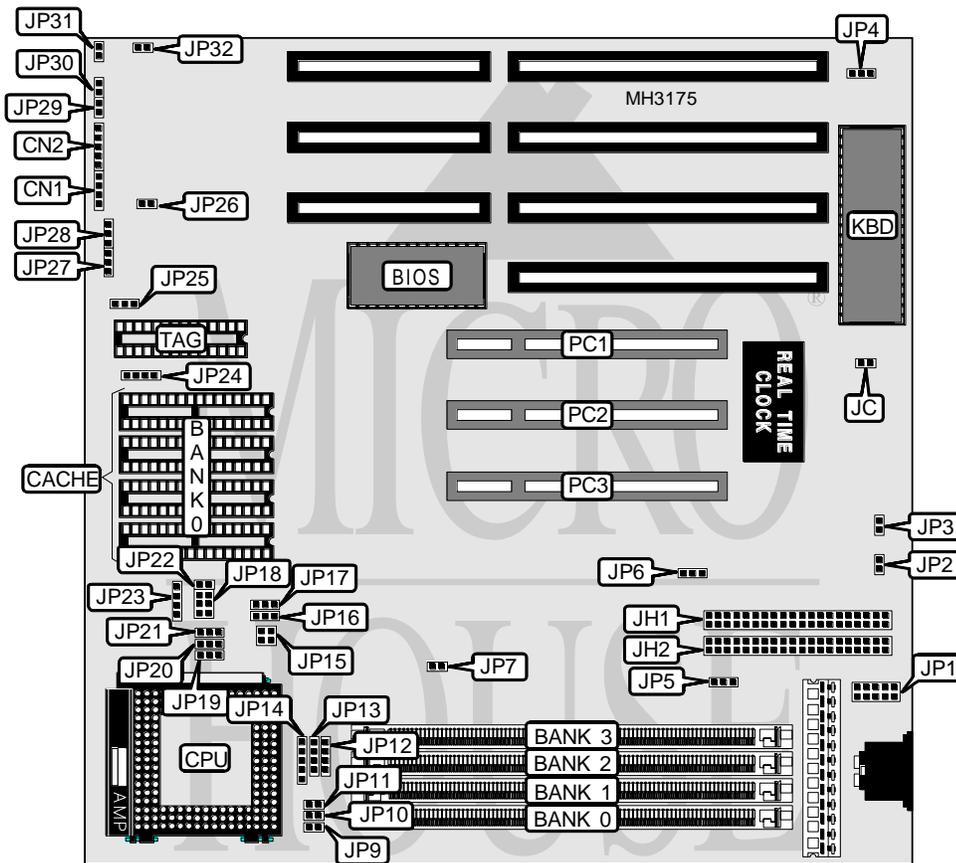


UNIDENTIFIED PCI/ISA UD486GRN

| | |
|--------------------------|--|
| Processor | CX486SX/80486SX/SL80486SX/SL80486SX2/CX486DX/AM486DX/UMCU5S/ SL80486DX/CX486DX2/AM486DX2/SL80486DX2/AM486DX4/80486DX4 |
| Processor Speed | 25/33/40/50(internal)/50/66(internal)/75(internal)/100(internal)MHz |
| Chip Set | UMC |
| Max. Onboard DRAM | 128MB |
| Cache | 128/256/512KB |
| BIOS | Unidentified |
| Dimensions | 220mm x 220mm |
| I/O Options | 32-bit PCI slots (3), green PC connector, IDE interfaces (2) |
| NPU Options | None |



| CONNECTIONS | | | |
|---------------------|----------|-------------------|-----------|
| Purpose | Location | Purpose | Location |
| Speaker | CN1 | Turbo switch | JP29 |
| Power LED & keylock | CN2 | Turbo LED | JP30 |
| IDE interface | JH1 | Reset switch | JP31 |
| IDE interface | JH2 | IDE interface LED | JP32 |
| Green PC connector | JP26 | 32-bit PCI slots | PC1 - PC3 |

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UNIDENTIFIED

PCI/ISA UD486GRN

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| USER CONFIGURABLE SETTINGS | | |
|-------------------------------------|--------|-------------------|
| Function | Jumper | Position |
| í CMOS memory normal operation | JC | Closed |
| CMOS memory clear | JC | Open |
| IDE interface enabled | JP2 | Open |
| IDE interface disabled | JP2 | Closed |
| í Port address fixed | JP3 | Closed |
| Port address relocatable | JP3 | Open |
| í Factory configured - do not alter | JP10 | Open |
| í Factory configured - do not alter | JP15 | pins 1 & 2 closed |

| DRAM CONFIGURATION | | | | |
|--------------------|---------------|---------------|-------------|-------------|
| Size | Bank 0 | Bank 1 | Bank 2 | Bank 3 |
| 2MB | (1) 256K x 36 | (1) 256K x 36 | NONE | NONE |
| 4MB | (1) 1M x 36 | NONE | NONE | NONE |
| 4MB | NONE | (1) 1M x 36 | NONE | NONE |
| 8MB | (1) 1M x 36 | (1) 1M x 36 | NONE | NONE |
| 8MB | NONE | NONE | (1) 2M x 36 | NONE |
| 12MB | (1) 1M x 36 | (1) 1M x 36 | (1) 1M x 36 | NONE |
| 16MB | (1) 1M x 36 | (1) 1M x 36 | (1) 1M x 36 | (1) 1M x 36 |
| 16MB | (1) 2M x 36 | (1) 2M x 36 | NONE | NONE |
| 16MB | (1) 4M x 36 | NONE | NONE | NONE |
| 32MB | (1) 4M x 36 | (1) 4M x 36 | NONE | NONE |
| 32MB | NONE | NONE | (1) 4M x 36 | (1) 4M x 36 |
| 32MB | (1) 8M x 36 | NONE | NONE | NONE |
| 48MB | (1) 4M x 36 | (1) 4M x 36 | (1) 4M x 36 | NONE |
| 64MB | (1) 8M x 36 | (1) 8M x 36 | NONE | NONE |
| 128MB | (1) 8M x 36 | (1) 8M x 36 | (1) 8M x 36 | (1) 8M x 36 |

| CACHE CONFIGURATION | | |
|---------------------|--------------|-------------|
| Size | Bank 0 | TAG |
| 128KB | (4) 32K x 8 | (1) 8K x 8 |
| 256KB | (4) 64K x 8 | (1) 32K x 8 |
| 512KB | (4) 128K x 8 | (1) 32K x 8 |

| CACHE JUMPER CONFIGURATION | | | | |
|----------------------------|--------|-----------------|-----------------|-------------------|
| Size | JP22 | JP23 pins 1 & 2 | JP23 pins 3 & 4 | JP25 |
| 128KB | Open | Closed | Open | pins 1 & 2 closed |
| 256KB | Open | Closed | Closed | pins 2 & 3 closed |
| 512KB | Closed | Closed | Closed | pins 2 & 3 closed |

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UNIDENTIFIED

PCI/ISA UD486GRN

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| CPU TYPE CONFIGURATION | | | | | |
|------------------------|--------|-------|-------|--------------|--------------|
| Type | JP7 | JP11 | JP12 | JP13 | JP14 |
| CX486SX | Open | 1 & 2 | Open | 2 & 3 | 1 & 2, 3 & 4 |
| 80486SX | Closed | Open | Open | 2 & 3 | Open |
| SL80486SX | Closed | Open | Open | 2 & 3 | 2 & 3, 4 & 5 |
| SL80486SX2 | Closed | Open | Open | 2 & 3 | 2 & 3, 4 & 5 |
| CX486DX | Open | 1 & 2 | 3 & 4 | 1 & 2, 3 & 4 | 1 & 2, 3 & 4 |
| AM486DX | Closed | Open | 3 & 4 | 1 & 2, 3 & 4 | Open |
| UMCU5S | Closed | Open | 1 & 2 | 2 & 3 | Open |
| SL80486DX | Closed | Open | 3 & 4 | 1 & 2, 3 & 4 | 2 & 3, 4 & 5 |
| CX486DX2 | Open | 1 & 2 | 3 & 4 | 1 & 2, 3 & 4 | 1 & 2, 3 & 4 |
| AM486DX2 | Closed | Open | 3 & 4 | 1 & 2, 3 & 4 | Open |
| SL80486DX2 | Closed | Open | 3 & 4 | 1 & 2, 3 & 4 | 2 & 3, 4 & 5 |
| AM486DX4 | Closed | Open | 3 & 4 | 1 & 2, 3 & 4 | Open |
| 80486DX4 | Closed | Open | 3 & 4 | 1 & 2, 3 & 4 | 2 & 3, 4 & 5 |

Note: Pins designated should be in the closed position.

| CPU TYPE CONFIGURATION (CON'T) | | | | | | |
|--------------------------------|-------|-------|-------|-------|-------|-------|
| Type | JP16 | JP17 | JP19 | JP20 | JP21 | JP24 |
| CX486SX | 2 & 3 | 1 & 2 | 2 & 3 | 1 & 2 | 2 & 3 | 2 & 3 |
| 80486SX | 1 & 2 | 1 & 2 | Open | Open | Open | Open |
| SL80486SX | 1 & 2 | 1 & 2 | Open | 1 & 2 | 1 & 2 | Open |
| SL80486SX2 | 1 & 2 | 1 & 2 | Open | 1 & 2 | 1 & 2 | Open |
| CX486DX | 2 & 3 | 1 & 2 | 2 & 3 | 1 & 2 | 2 & 3 | 2 & 3 |
| AM486DX | 1 & 2 | 1 & 2 | Open | Open | Open | Open |
| UMCU5S | 1 & 2 | 2 & 3 | Open | 2 & 3 | Open | 3 & 4 |
| SL80486DX | 1 & 2 | 1 & 2 | Open | 1 & 2 | 1 & 2 | Open |
| CX486DX2 | 2 & 3 | 1 & 2 | 2 & 3 | 1 & 2 | 2 & 3 | 2 & 3 |
| AM486DX2 | 1 & 2 | 1 & 2 | Open | Open | Open | Open |
| SL80486DX2 | 1 & 2 | 1 & 2 | Open | 1 & 2 | 1 & 2 | Open |
| AM486DX4 | 1 & 2 | 1 & 2 | Open | Open | Open | Open |
| 80486DX4 | 1 & 2 | 1 & 2 | Open | 1 & 2 | 1 & 2 | Open |

Note: Pins designated should be in the closed position.

| CPU SPEED CONFIGURATION | | | |
|-------------------------|-----------------|-----------------|-----------------|
| Speed | JP18 pins 1 & 2 | JP18 pins 3 & 4 | JP18 pins 5 & 6 |
| 25MHz | Open | Open | Open |
| 33MHz | Closed | Closed | Open |
| 40MHz | Open | Closed | Open |
| 50iMHz | Open | Open | Open |
| 50MHz | Closed | Open | Open |
| 66iMHz | Closed | Closed | Open |
| 75iMHz | Open | Open | Open |
| 100iMHz | Closed | Closed | Open |

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UNIDENTIFIED

PCI/ISA UD486GRN

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| CPU SPEED CONFIGURATION (80486DX4 ONLY) | |
|---|--------|
| Speed | JP9 |
| 2x | Closed |
| 3x | Open |

| KEYBOARD CONFIGURATION | | | | | | |
|------------------------|----------------------------|-------|-------|-------|-------|-------|
| Setting | JP1 | JP4 | JP5 | JP6 | JP27 | JP28 |
| Internal | 7 & 8, 9 & 10 | 1 & 2 | 1 & 2 | 1 & 2 | 2 & 3 | 1 & 2 |
| External | 1 & 3, 2 & 4, 5 & 7, 6 & 8 | 2 & 3 | 2 & 3 | 2 & 3 | 1 & 2 | 2 & 3 |

Note: Pins designated should be in the closed position.

| MISCELLANEOUS TECHNICAL NOTE |
|--|
| Note: The location of pin 1 is unidentified. Jumpers are shown for location purposes only. The actual location may vary. |