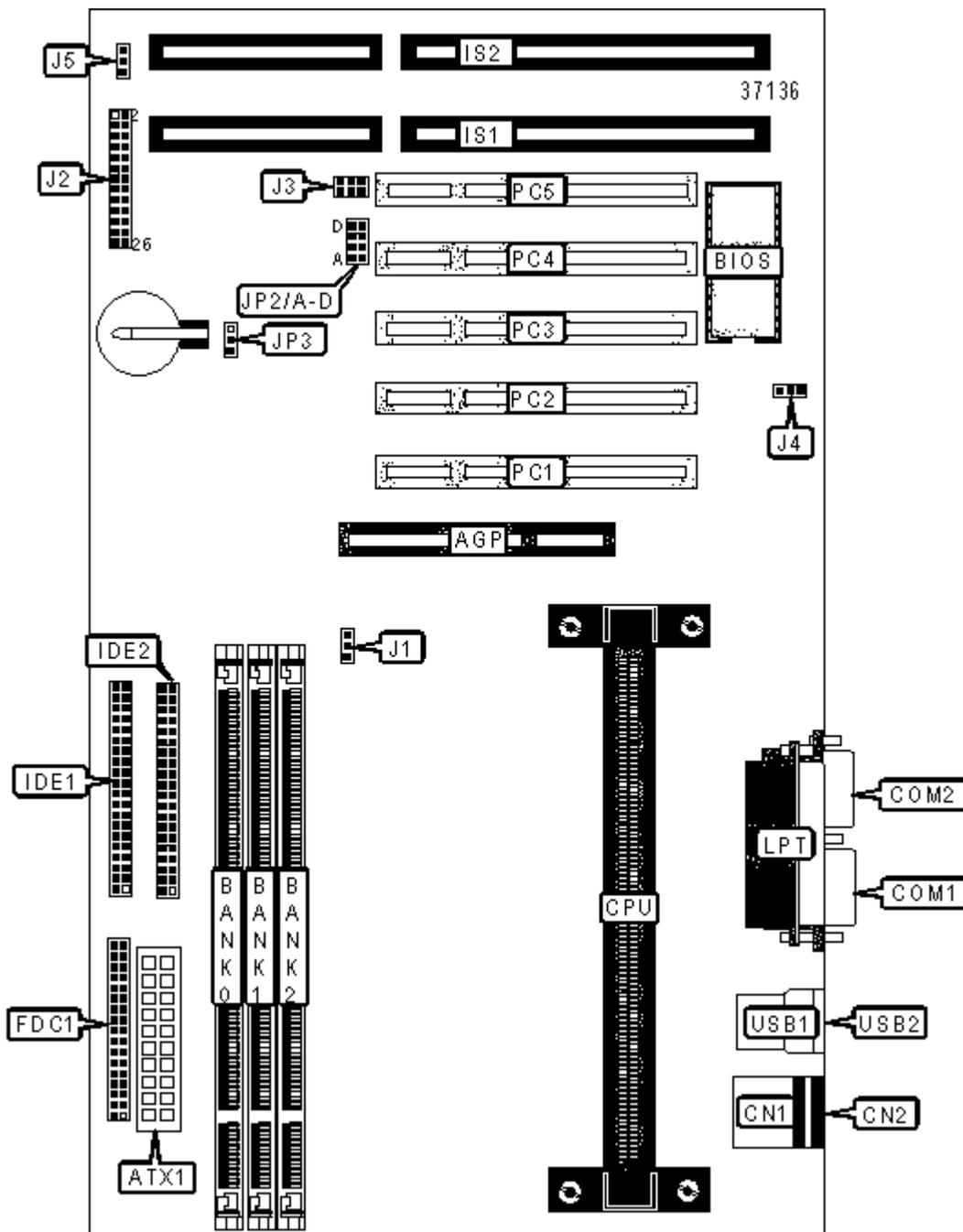


# DELTA PRODUCTS CORPORATION

## MP2-VBX-X

|                               |  |
|-------------------------------|--|
| <b>Device Type</b>            | Mainboard  |
| <b>Processor</b>              | Pentium II/Celeron/Pentium III   |
| <b>Processor Speed</b>        | 233/266/300/333/350/366/400/433/450/466/500MHz   |
| <b>Chip Set</b>               | VIA  |
| <b>Maximum Onboard Memory</b> | 384MB (SDRAM supported)  |
| <b>Cache</b>                  | 0/128/256/512KB (located on the CPU)   |
| <b>BIOS</b>                   | Award  |
| <b>Dimensions</b>             | 305mm x 178mm  |
| <b>I/O Options</b>            | 16-bit ISA slots (2), 32-bit PCI slots (5), floppy drive interface, IDE interfaces (2), parallel port, PS/2 mouse port, PS/2 keyboard port, serial ports (2), USB ports (2), ATX power connector, AGP slot, Wake-on-LAN connector, SB-Link connector |



## CONNECTIONS

| Purpose                | Location      | Purpose               | Location                 |
|------------------------|---------------|-----------------------|--------------------------|
| AGP slot               | AGP           | Reset switch          | J2/Pins 5 & 6            |
| ATX power connector    | ATX1          | IDE interface LED     | J2/Pins 7 & 8            |
| PS/2 mouse port        | CN1           | Green PC connector    | J2/Pins 13 & 14          |
| PS/2 keyboard port     | CN2           | Power LED & keylock   | J2/Pins 18,20,22,24 & 26 |
| Serial port 1          | COM1          | Speaker               | J2/Pins 19, 21, 23 & 25  |
| Serial port 2          | COM2          | SB-Link connector     | J3                       |
| Floppy drive interface | FDC1          | Wake-on-LAN connector | J4                       |
| IDE interface 1        | IDE1          | Chassis fan power     | J5                       |
| IDE interface 2        | IDE2          | Parallel port         | LPT                      |
| 16-bit ISA slots       | IS1 - IS2     | 32-bit PCI slots      | PC1 - PC5                |
| CPU fan power          | J1            | USB port 1            | USB1                     |
| Power switch           | J2/Pins 1 & 2 | USB port 2            | USB2                     |

## USER CONFIGURABLE SETTINGS

| Function |                              | Label | Position          |
|----------|------------------------------|-------|-------------------|
| »        | CMOS memory normal operation | JP3   | Pins 1 & 2 closed |
|          | CMOS memory clear            | JP3   | Pins 2 & 3 closed |

## DIMM CONFIGURATION

| Size | Bank 0      | Bank 1      | Bank 2      |
|------|-------------|-------------|-------------|
| 8MB  | (1) 1M x 64 | None        | None        |
| 16MB | (1) 1M x 64 | (1) 1M x 64 | None        |
| 16MB | (1) 2M x 64 | None        | None        |
| 24MB | (1) 1M x 64 | (1) 1M x 64 | (1) 1M x 64 |
| 32MB | (1) 2M x 64 | (1) 2M x 64 | None        |
| 32MB | (1) 4M x 64 | None        | None        |
| 32MB | (1) 2M x 64 | (1) 1M x 64 | (1) 1M x 64 |

|                                    |              |              |              |
|------------------------------------|--------------|--------------|--------------|
| 48MB                               | (1) 2M x 64  | (1) 2M x 64  | (1) 2M x 64  |
| 48MB                               | (1) 4M x 64  | (1) 1M x 64  | (1) 1M x 64  |
| 64MB                               | (1) 4M x 64  | (1) 4M x 64  | None         |
| 64MB                               | (1) 8M x 64  | None         | None         |
| 64MB                               | (1) 4M x 64  | (1) 2M x 64  | (1) 2M x 64  |
| 80MB                               | (1) 8M x 64  | (1) 1M x 64  | (1) 1M x 64  |
| 96MB                               | (1) 4M x 64  | (1) 4M x 64  | (1) 4M x 64  |
| 96MB                               | (1) 8M x 64  | (1) 2M x 64  | (1) 2M x 64  |
| 128MB                              | (1) 8M x 64  | (1) 8M x 64  | None         |
| 128MB                              | (1) 16M x 64 | None         | None         |
| 128MB                              | (1) 8M x 64  | (1) 4M x 64  | (1) 4M x 64  |
| 144MB                              | (1) 16M x 64 | (1) 1M x 64  | (1) 1M x 64  |
| 160MB                              | (1) 16M x 64 | (1) 2M x 64  | (1) 2M x 64  |
| 192MB                              | (1) 8M x 64  | (1) 8M x 64  | (1) 8M x 64  |
| 192MB                              | (1) 16M x 64 | (1) 4M x 64  | (1) 4M x 64  |
| 256MB                              | (1) 16M x 64 | (1) 16M x 64 | None         |
| 256MB                              | (1) 16M x 64 | (1) 8M x 64  | (1) 8M x 64  |
| 384MB                              | (1) 16M x 64 | (1) 16M x 64 | (1) 16M x 64 |
| Note: Board supports SDRAM memory. |              |              |              |

### CACHE CONFIGURATION

Note: 512KB cache is located on the Pentium III CPUs. 256KB/512KB cache is located on the Pentium II CPUs. 128KB cache is located on the Celeron 300A and greater CPUs.

### CPU SPEED SELECTION (PENTIUM CELERON)

| CPU speed | Multiplier | JP2/A | JP2/B  | JP2/C  | JP2/D  |
|-----------|------------|-------|--------|--------|--------|
| 266MHz    | 4x         | Open  | Closed | Closed | Closed |
| 300MHz    | 4.5x       | Open  | Closed | Open   | Closed |

**CPU SPEED SELECTION (PENTIUM II)**

| <b>CPU speed</b> | <b>Multiplier</b> | <b>JP2/A</b> | <b>JP2/B</b> | <b>JP2/C</b> | <b>JP2/D</b> |
|------------------|-------------------|--------------|--------------|--------------|--------------|
| 233MHz           | 3.5x              | Closed       | Open         | Open         | Closed       |
| 266MHz           | 4x                | Open         | Closed       | Closed       | Closed       |
| 300MHz           | 4.5x              | Open         | Closed       | Open         | Closed       |
| 333MHz           | 5x                | Open         | Open         | Closed       | Closed       |
| 350MHz           | 3.5x              | Closed       | Open         | Open         | Closed       |
| 400MHz           | 4x                | Open         | Closed       | Closed       | Closed       |
| 450MHz           | 4.5x              | Open         | Closed       | Open         | Closed       |

**CPU SPEED SELECTION (PENTIUM III)**

| <b>CPU speed</b> | <b>Multiplier</b> | <b>JP2/A</b> | <b>JP2/B</b> | <b>JP2/C</b> | <b>JP2/D</b> |
|------------------|-------------------|--------------|--------------|--------------|--------------|
| 450MHz           | 4.5x              | Open         | Closed       | Open         | Closed       |