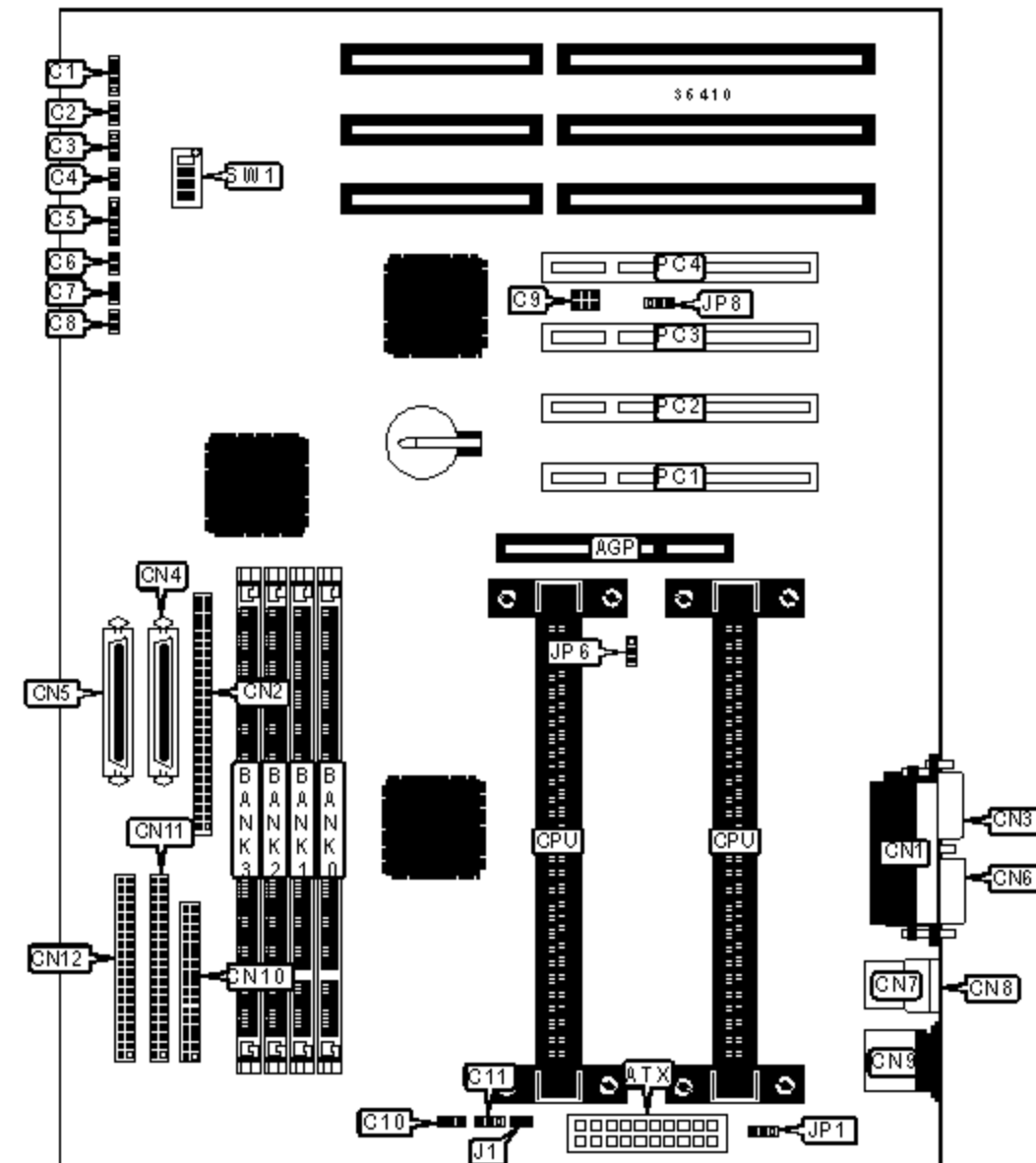


FAMOUS TECHNOLOGY CO., LTD.

MP-6DBX/S

| | |
|-------------------------------|--|
| Device Type | Mainboard |
| Processor | Pentium II |
| Processor Speed | 200/233/266/300/333/366/350/400/450/500/550MHz |
| Chip Set | Intel 440BX |
| Maximum Onboard Memory | 1GB (SDRAM supported) |
| Cache | 256/512KB (located on Pentium II CPU) |
| BIOS | Award |
| Dimensions | 305mm x 253mm |
| I/O Options | 32-bit PCI slots (4), floppy drive interface, green PC connector, IDE interfaces (2), Wide Ultra SCSI interface, Ultra SCSI interface, parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, AGP slot, SB-link connector, wake on LAN connector |



CONNECTIONS

| Purpose | Location | Purpose | Location |
|---------------------|----------|----------------------|----------|
| AGP slot | AGP | Ultra SCSI interface | CN2 |
| ATX power connector | ATX | Serial port 1 | CN3 |

| | | | |
|-----------------------|-----|---------------------------|--------------|
| ATX power connector | ATX | Serial port 1 | CN3 |
| Speaker | C1 | Ultra Wide SCSI interface | CN4 |
| Reset switch | C2 | Ultra Wide SCSI interface | CN5 |
| Power LED | C3 | Serial port 2 | CN6 |
| IDE interface LED | C4 | USB connector 1 | CN7 |
| IR connector | C5 | USB connector 2 | CN8 |
| Green PC connector | C6 | PS/2 mouse port | CN9 |
| Soft off power supply | C7 | Floppy drive interface | CN10 |
| Green PC LED | C8 | IDE interface 2 | CN11 |
| SB-link connector | C9 | IDE interface 1 | CN12 |
| Chassis fan power | C10 | Wake on LAN connector | JP8 |
| CPU fan power | C11 | 32-bit PCI slots | PC1 - PC4 |
| Parallel port | CN1 | Wide SCSI interface | |

USER CONFIGURABLE SETTINGS

| Function | | Label | Position |
|----------|-----------------------------------|-------|-------------------|
| | ATX power select soft off | J1 | Open |
| | ATX power select full on/soft off | J1 | Closed |
| | Keyboard power on enabled | JP1 | Pins 1 & 2 closed |
| | Keyboard power on disabled | JP1 | Pins 2 & 3 closed |

DIMM CONFIGURATION

| Size | Bank 0 | Bank 1 | Bank 2 | Bank 3 |
|------|-------------|-------------|--------|--------|
| 8MB | (1) 1M x 64 | None | None | None |
| 16MB | (1) 2M x 64 | None | None | None |
| 16MB | (1) 1M x 64 | (1) 1M x 64 | None | None |
| 24MB | (1) 2M x 64 | (1) 1M x 64 | None | None |

| | | | | |
|-------|--------------|-------------|-------------|-------------|
| 24MB | (1) 1M x 64 | (1) 1M x 64 | (1) 1M x 64 | None |
| 32MB | (1) 4M x 64 | None | None | None |
| 32MB | (1) 2M x 64 | (1) 2M x 64 | None | None |
| 32MB | (1) 1M x 64 | (1) 1M x 64 | (1) 1M x 64 | (1) 1M x 64 |
| 40MB | (1) 4M x 64 | (1) 1M x 64 | None | None |
| 48MB | (1) 4M x 64 | (1) 2M x 64 | None | None |
| 48MB | (1) 2M x 64 | (1) 2M x 64 | (1) 2M x 64 | None |
| 64MB | (1) 2M x 64 | (1) 2M x 64 | (1) 2M x 64 | (1) 2M x 64 |
| 64MB | (1) 8M x 64 | None | None | None |
| 64MB | (1) 4M x 64 | (1) 4M x 64 | None | None |
| 72MB | (1) 8M x 64 | (1) 1M x 64 | None | None |
| 80MB | (1) 8M x 64 | (1) 2M x 64 | None | None |
| 96MB | (1) 8M x 64 | (1) 4M x 64 | None | None |
| 96MB | (1) 4M x 64 | (1) 4M x 64 | (1) 4M x 64 | None |
| 128MB | (1) 16M x 64 | None | None | None |
| 128MB | (1) 8M x 64 | (1) 8M x 64 | None | None |
| 128MB | (1) 4M x 64 | (1) 4M x 64 | (1) 4M x 64 | (1) 4M x 64 |
| 136MB | (1) 16M x 64 | (1) 1M x 64 | None | None |
| 144MB | (1) 16M x 64 | (1) 2M x 64 | None | None |

DIMM CONFIGURATION (CON'T)

| Size | Bank 0 | Bank 1 | Bank 2 | Bank 3 |
|-------|--------------|--------------|-------------|-------------|
| 176MB | (1) 16M x 64 | (1) 2M x 64 | (1) 2M x 64 | (1) 2M x 64 |
| 192MB | (1) 16M x 64 | (1) 8M x 64 | None | None |
| 192MB | (1) 8M x 64 | (1) 8M x 64 | (1) 8M x 64 | None |
| 256MB | (1) 32M x 64 | None | None | None |
| 256MB | (1) 16M x 64 | (1) 16M x 64 | None | None |
| 256MB | (1) 8M x 64 | (1) 8M x 64 | (1) 8M x 64 | (1) 8M x 64 |

| | | | | |
|--------|--------------|--------------|--------------|--------------|
| 272MB | (1) 16M x 64 | (1) 16M x 64 | (1) 1M x 64 | (1) 1M x 64 |
| 280MB | (1) 32M x 64 | (1) 1M x 64 | (1) 1M x 64 | (1) 1M x 64 |
| 288MB | (1) 16M x 64 | (1) 16M x 64 | (1) 2M x 64 | (1) 2M x 64 |
| 320MB | (1) 16M x 64 | (1) 16M x 64 | (1) 4M x 64 | (1) 4M x 64 |
| 384MB | (1) 16M x 64 | (1) 16M x 64 | (1) 16M x 64 | None |
| 448MB | (1) 32M x 64 | (1) 8M x 64 | (1) 8M x 64 | (1) 8M x 64 |
| 512MB | (1) 32M x 64 | (1) 32M x 64 | None | None |
| 512MB | (1) 16M x 64 | (1) 16M x 64 | (1) 16M x 64 | (1) 16M x 64 |
| 640MB | (1) 32M x 64 | (1) 16M x 64 | (1) 16M x 64 | (1) 16M x 64 |
| 768MB | (1) 32M x 64 | (1) 32M x 64 | (1) 32M x 64 | None |
| 1024MB | (1) 32M x 64 | (1) 32M x 64 | (1) 32M x 64 | (1) 32M x 64 |

Note: Board accepts SDRAM memory.

CACHE CONFIGURATION

Note: 256KB/512KB cache is located on the Pentium II CPU.

CPU SPEED SELECTION

| CPU speed | Clock speed | Multiplier | SW1/1 | SW1/2 | SW1/3 | SW1/4 |
|-----------|-------------|------------|-------|-------|-------|-------|
| 200MHz | 66MHz | 3x | On | Off | On | On |
| 233MHz | 66MHz | 3.5x | Off | Off | On | On |
| 266MHz | 66MHz | 4x | On | On | Off | On |
| 300MHz | 66MHz | 4.5x | Off | On | Off | On |
| 333MHz | 66MHz | 5x | On | Off | Off | On |
| 366MHz | 66MHz | 5.5x | Off | Off | Off | On |
| 350MHz | 100MHz | 3.5x | Off | Off | On | On |
| 400MHz | 100MHz | 4x | On | On | Off | On |
| 450MHz | 100MHz | 4.5x | Off | On | Off | On |
| 500MHz | 100MHz | 5x | On | Off | Off | On |

| | | | | | | |
|--------|--------|------|-----|-----|-----|----|
| 550MHz | 100MHz | 5.5x | Off | Off | Off | On |
|--------|--------|------|-----|-----|-----|----|

| CPU BUS SPEED SELECTION | |
|--------------------------------|-------------------|
| Speed | JP6 |
| Auto | Pins 2 & 3 closed |
| 66MHz | Pins 1 & 2 closed |
| 100MHz | Open |