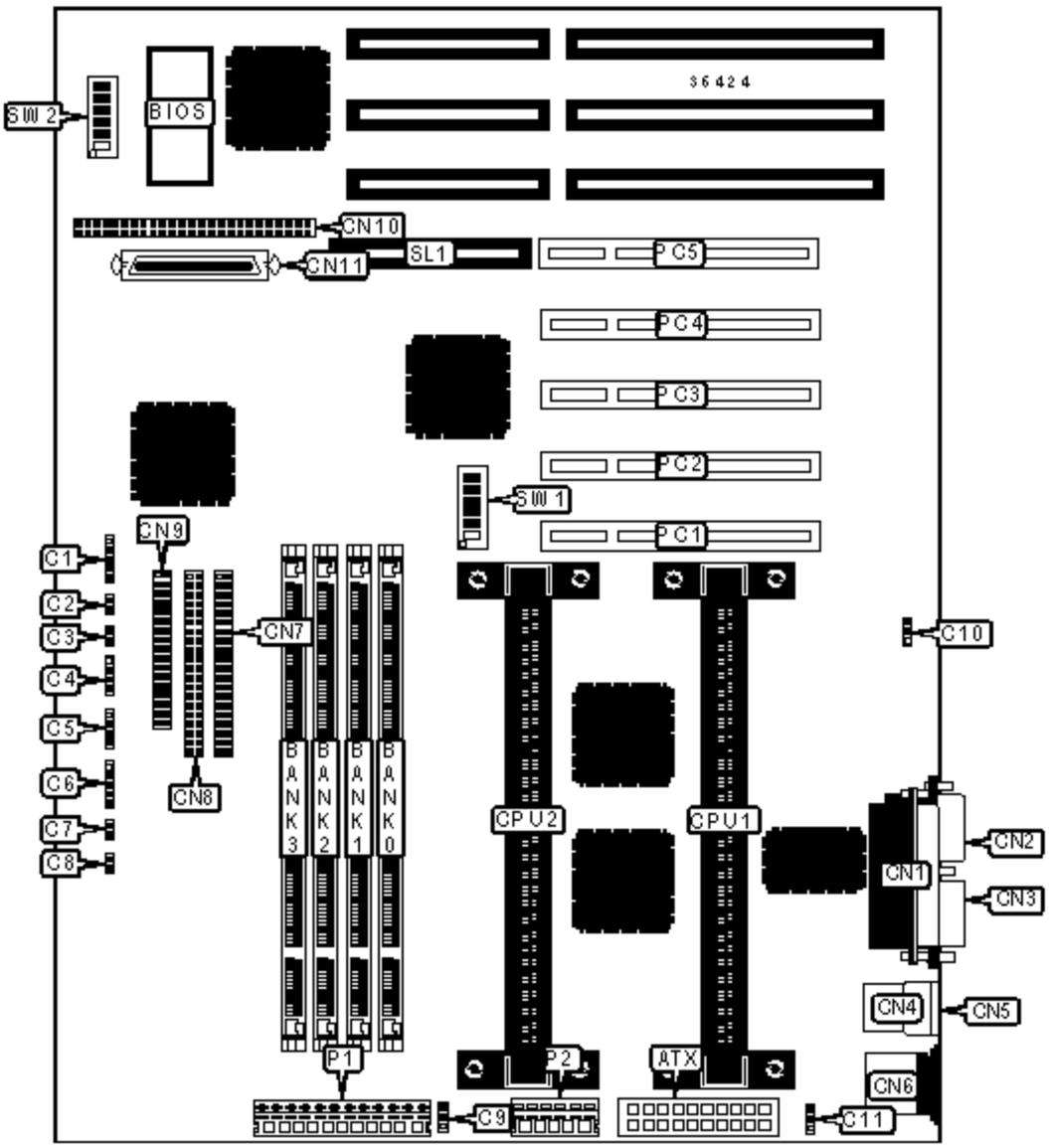


KAM-TRONIC COMPUTER CO., LTD.

P6KDI (VER. 2.0) (SCSI)

| | |
|-------------------------------|---|
| Device Type | Mainboard |
| Processor | Pentium II |
| Processor Speed | 180/200/233/266/300MHz |
| Chip Set | Intel 430FX |
| Maximum Onboard Memory | 1GB (EDO & SDRAM supported) |
| Cache | 512/1024KB (located on Pentium II CPU) |
| BIOS | Award |
| Dimensions | 305mm x 244mm |
| I/O Options | 32-bit PCI slots (5), floppy drive interface, green PC connector, IDE interfaces (2), SCSI interface, Wide Ultra SCSI interface, parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector, RAID slot |



| CONNECTIONS | | | |
|---------------------|----------|-----------------|----------|
| Purpose | Location | Purpose | Location |
| ATX power connector | ATX | Parallel port | CN3 |
| IR connector | C1 | USB connector 1 | CN4 |
| | | | |

| | | | |
|-----------------------|-----|---------------------------|--------------|
| Green PC connector | C2 | USB connector 2 | CN5 |
| Reset switch | C3 | PS/2 mouse port | CN6 |
| Speaker | C4 | IDE interface 1 | CN7 |
| IDE interface LED | C5 | IDE interface 2 | CN8 |
| Power LED & keylock | C6 | Floppy drive interface | CN9 |
| Turbo LED | C7 | SCSI interface | CN10 |
| Soft off power supply | C8 | Ultra-Wide SCSI interface | CN11 |
| Chassis fan power | C9 | 5v power | P1 |
| Chassis fan power | C10 | 3.3v power | P2 |
| Chassis fan power | C11 | 32-bit PCI slots | PC1 - PC5 |
| Serial port 1 | CN1 | RAID slot | SL1 |
| Serial port 2 | CN2 | | |

USER CONFIGURABLE SETTINGS

| Function | | Label | Position |
|----------|-----------------------------------|-------|--------------|
| » | Factory configured - do not alter | SW1/6 | Unidentified |
| » | SCSI low byte enabled | SW2/5 | On |
| | SCSI high byte enabled | SW2/5 | Off |
| » | Factory configured - do not alter | SW2/6 | Unidentified |

DIMM CONFIGURATION

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

| | | | | |
|-------|--------------|-------------|-------------|-------------|
| 32MB | (1) 2M x 64 | (1) 2M x 64 | None | None |
| 32MB | (1) 4M x 64 | None | None | None |
| 32MB | (1) 4M x 64 | None | 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) 4M x 64 | (1) 4M x 64 | None | None |
| 64MB | (1) 8M x 64 | None | None | 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 |
| 72MB | (1) 8M x 64 | (1) 1M x 64 | None | None |
| 80MB | (1) 8M x 64 | (1) 2M x 64 | None | None |
| 96MB | (1) 4M x 64 | (1) 4M x 64 | (1) 4M x 64 | None |
| 96MB | (1) 8M x 64 | (1) 4M x 64 | None | None |
| 128MB | (1) 8M x 64 | (1) 8M x 64 | None | None |
| 128MB | (1) 16M x 64 | None | None | None |
| 128MB | (1) 8M x 64 | (1) 8M x 64 | None | None |

DIMM CONFIGURATION (CON'T)

| Size | Bank 0 | Bank 1 | Bank 2 | Bank 3 |
|-------------|---------------|---------------|---------------|---------------|
| 128MB | (1) 4M x 64 |
| 136MB | (1) 16M x 64 | (1) 1M x 64 | None | None |
| 144MB | (1) 16M x 64 | (1) 1M x 64 | (1) 1M x 64 | None |
| 144MB | (1) 16M x 64 | (1) 2M x 64 | None | None |
| 160MB | (1) 16M x 64 | (1) 2M x 64 | (1) 2M x 64 | None |
| 160MB | (1) 16M x 64 | (1) 4M x 64 | None | None |
| 164MB | (1) 16M x 64 | (1) 1M x 64 | None | None |

| | | | | |
|-------|--------------|--------------|--------------|--------------|
| 176MB | (1) 16M x 64 | (1) 2M x 64 | (1) 2M x 64 | (1) 2M x 64 |
| 192MB | (1) 16M x 64 | (1) 4M x 64 | (1) 4M x 64 | None |
| 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 |
| 192MB | (1) 8M x 64 | (1) 8M x 64 | (1) 8M x 64 | None |
| 256MB | (1) 16M x 64 | (1) 8M x 64 | (1) 8M x 64 | None |
| 256MB | (1) 16M x 64 | (1) 16M x 64 | None | 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 |
| 264MB | (1) 32M x 64 | (1) 1M x 64 | None | None |
| 272MB | (1) 32M x 64 | (1) 1M x 64 | (1) 1M x 64 | None |
| 272MB | (1) 32M x 64 | (1) 2M x 64 | None | None |
| 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) 32M x 64 | (1) 2M x 64 | (1) 2M x 64 | None |
| 288MB | (1) 32M x 64 | (1) 4M x 64 | None | None |
| 288MB | (1) 16M x 64 | (1) 16M x 64 | (1) 2M x 64 | (1) 2M x 64 |
| 320MB | (1) 32M x 64 | (1) 4M x 64 | (1) 4M x 64 | None |
| 320MB | (1) 32M x 64 | (1) 8M x 64 | None | None |
| 320MB | (1) 16M x 64 | (1) 16M x 64 | (1) 4M x 64 | (1) 4M x 64 |
| 384MB | (1) 32M x 64 | (1) 8M x 64 | (1) 8M x 64 | None |
| 384MB | (1) 32M x 64 | (1) 16M x 64 | None | None |
| 384MB | (1) 16M x 64 | (1) 16M x 64 | (1) 16M x 64 | None |
| 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) 16M x 64 | (1) 16M x 64 | None |
| 512MB | (1) 32M x 64 | (1) 32M x 64 | None | None |
| 512MB | (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 |
| 768MB | (1) 32M x 64 | (1) 32M x 64 | (1) 32M x 64 | None |
| 1024MB | (1) 32M x 64 |
| Note: Board accepts EDO & SDRAM memory. | | | | |

CACHE CONFIGURATION

Note: 512KB/1MB cache is located on the Pentium II CPU.

CPU SPEED SELECTION

| CPU speed | Clock speed | Multiplier | SW2/1 | SW2/2 | SW2/3 | SW2/4 |
|-----------|-------------|------------|-------|-------|-------|-------|
| 180MHz | 60MHz | 3x | On | On | On | On |
| 200MHz | 66MHz | 3x | On | On | On | On |
| 233MHz | 66MHz | 3.5x | Off | Off | On | On |
| 266MHz | 66MHz | 4x | On | On | Off | On |
| 300MHz | 66MHz | 4.5x | Off | Off | Off | On |

CPU SPEED SELECTION (CON'T)

| CPU speed | Clock speed | Multiplier | SW1/1 | SW1/2 | SW1/3 | SW1/4 | SW1/5 |
|-----------|-------------|------------|-------|-------|-------|-------|-------|
| 180MHz | 60MHz | 3x | Off | On | Off | Off | Off |
| 200MHz | 66MHz | 3x | On | Off | On | On | Off |
| 233MHz | 66MHz | 3.5x | On | Off | On | On | Off |
| 266MHz | 66MHz | 4x | On | Off | On | On | Off |
| 300MHz | 66MHz | 4.5x | On | Off | On | On | Off |