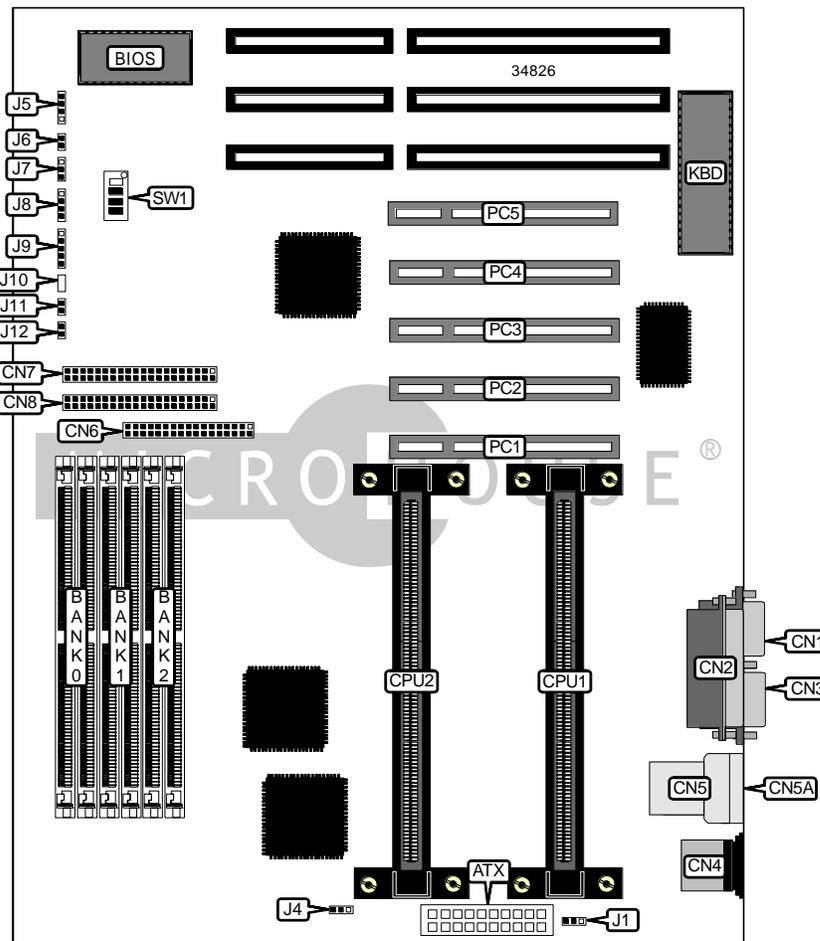


# GIGA-BYTE TECHNOLOGY CO., LTD.

## GA - 6 8 6 K D X

|                               |   |
|-------------------------------|---|
| <b>Device Type</b>            | Mainboard   |
| <b>Processor</b>              | Pentium II  |
| <b>Processor Speed</b>        | 200/233/266/300/333/366MHz  |
| <b>Chip Set</b>               | Intel   |
| <b>Video Chip Set</b>         | None  |
| <b>Maximum Onboard Memory</b> | 768MB (EDO supported)   |
| <b>Maximum Video Memory</b>   | None  |
| <b>Cache</b>                  | 256/512KB (located on Pentium II CPU)   |
| <b>BIOS</b>                   | Award   |
| <b>Dimensions</b>             | 305mm x 244mm   |
| <b>I/O Options</b>            | 32-bit PCI slots (5), floppy drive interface, green PC connector, IDE interfaces (2), parallel port, PS/2 mouse port, serial ports (2), IR connector, USB connectors (2), ATX power connector |
| <b>NPU Options</b>            | None  |



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GA - 686KDX

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| CONNECTIONS            |          |                       |           |
|------------------------|----------|-----------------------|-----------|
| Purpose                | Location | Purpose               | Location  |
| ATX power connector    | ATX      | CPU fan power         | J1        |
| Serial port 1          | CN1      | CPU fan power         | J4        |
| Parallel port          | CN2      | Speaker               | J5        |
| Serial port 2          | CN3      | Reset switch          | J6        |
| PS/2 mouse port        | CN4      | Power LED             | J7        |
| USB connector 1        | CN5      | IDE interface LED     | J8        |
| USB connector 2        | CN5A     | IR connector          | J9        |
| Floppy drive interface | CN6      | Soft off power supply | J11       |
| IDE interface 1        | CN7      | Green PC LED          | J12       |
| IDE interface 2        | CN8      | 32-bit PCI slots      | PC1 – PC5 |

| USER CONFIGURABLE SETTINGS          |       |          |
|-------------------------------------|-------|----------|
| Function                            | Label | Position |
| í Factory configured - do not alter | J10   | Off      |

| SIMM CONFIGURATION |              |              |              |
|--------------------|--------------|--------------|--------------|
| Size               | Bank 0       | Bank 1       | Bank 2       |
| 8MB                | (2) 1M x 36  | None         | None         |
| 16MB               | (2) 1M x 36  | (2) 1M x 36  | None         |
| 16MB               | (2) 2M x 36  | None         | None         |
| 24MB               | (2) 1M x 36  | (2) 1M x 36  | (2) 1M x 36  |
| 32MB               | (2) 2M x 36  | (2) 2M x 36  | None         |
| 32MB               | (2) 4M x 36  | None         | None         |
| 48MB               | (2) 2M x 36  | (2) 2M x 36  | (2) 2M x 36  |
| 64MB               | (2) 4M x 36  | (2) 4M x 36  | None         |
| 64MB               | (2) 8M x 36  | None         | None         |
| 96MB               | (2) 4M x 36  | (2) 4M x 36  | (2) 4M x 36  |
| 128MB              | (2) 8M x 36  | (2) 8M x 36  | None         |
| 128MB              | (2) 16M x 36 | None         | None         |
| 192MB              | (2) 8M x 36  | (2) 8M x 36  | (2) 8M x 36  |
| 256MB              | (2) 16M x 36 | (2) 16M x 36 | None         |
| 256MB              | (2) 32M x 36 | None         | None         |
| 384MB              | (2) 16M x 36 | (2) 16M x 36 | (2) 16M x 36 |
| 512MB              | (2) 32M x 36 | (2) 32M x 36 | None         |
| 768MB              | (2) 32M x 36 | (2) 32M x 36 | (2) 32M x 36 |

Note: Board accepts EDO memory.

| CACHE CONFIGURATION                                       |
|---|
| Note: 256KB/512KB cache is located on the Pentium II CPU. |

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GA - 686 KDX

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| CPU SPEED SELECTION |             |            |       |       |       |       |
|---------------------|-------------|------------|-------|-------|-------|-------|
| CPU speed           | Clock speed | Multiplier | SW1/1 | SW1/2 | SW1/3 | SW1/4 |
| 200MHz              | 66MHz       | 3x         | Off   | On    | Off   | Off   |
| 233MHz              | 66MHz       | 3.5x       | On    | On    | Off   | Off   |
| 266MHz              | 66MHz       | 4x         | Off   | Off   | On    | Off   |
| 300MHz              | 66MHz       | 4.5x       | On    | Off   | On    | Off   |
| 333MHz              | 66MHz       | 5x         | Off   | On    | On    | Off   |
| 366MHz              | 66MHz       | 5.5x       | On    | On    | On    | Off   |