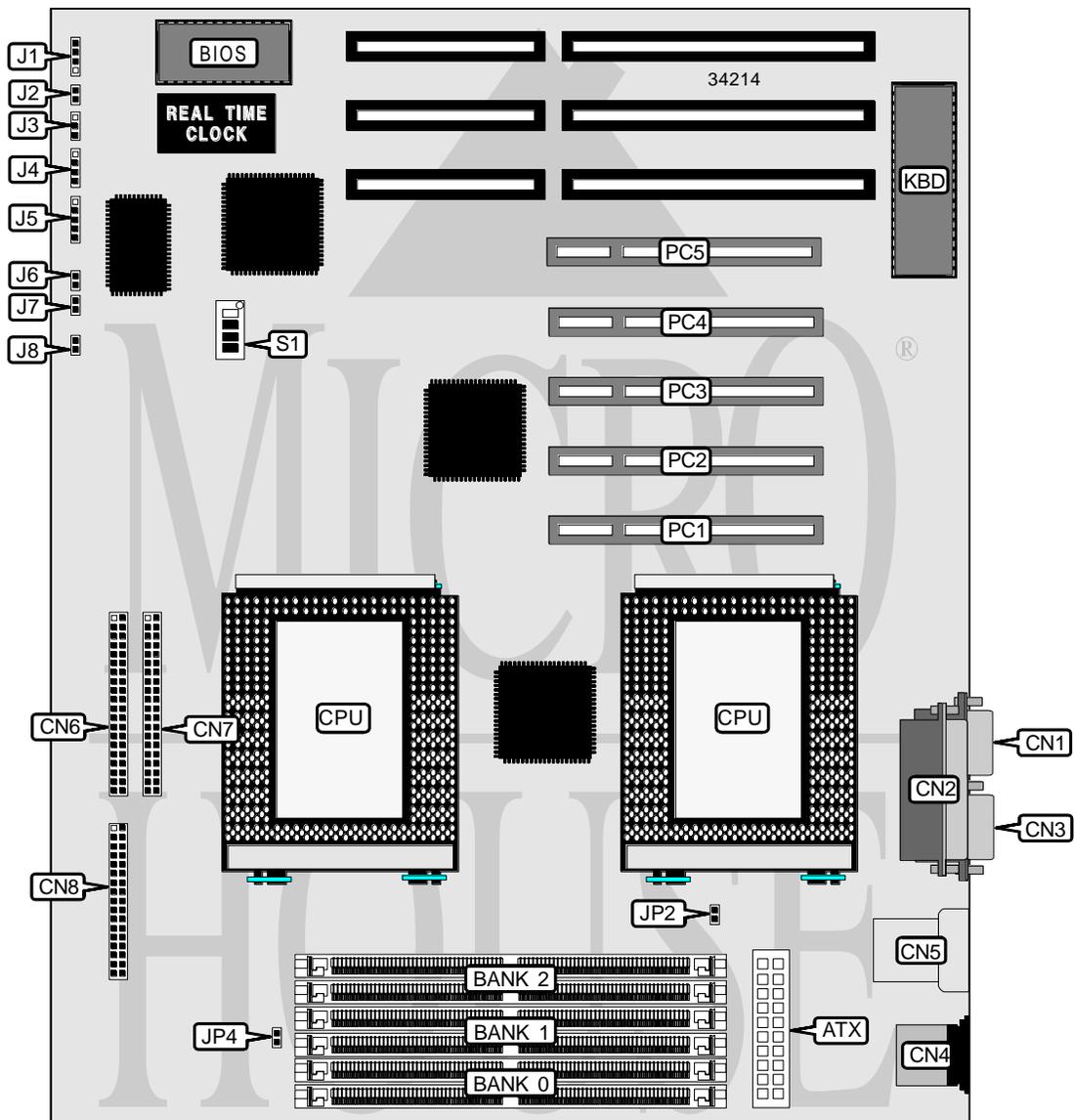


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GA - 686DX

| | |
|-------------------------------|--|
| Processor | Pentium Pro |
| Processor Speed | 150/166/180/200/233/266MHz |
| Chip Set | Intel |
| Video Chip Set | None |
| Maximum Onboard Memory | 512MB (EDO supported) |
| Maximum Video Memory | None |
| Cache | 256/512KB (located on Pentium Pro CPU) |
| BIOS | Award |
| Dimensions | 305mm x 244mm |
| I/O Options | 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 connector, ATX power connector |
| NPU Options | None |



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GA - 6 8 6 D X

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| CONNECTIONS | | | |
|--------------------------|----------|----------------------|-----------|
| Purpose | Location | Purpose | Location |
| ATX power connector | ATX | Reset switch | J2 |
| Serial port 1 | CN1 | Power LED | J3 |
| Parallel port | CN2 | IDE interface LED | J4 |
| Serial port 2 | CN3 | IR connector | J5 |
| PS/2 mouse port | CN4 | Green PC connector | J6 |
| USB connector (optional) | CN5 | Soft on power supply | J7 |
| IDE interface 1 | CN6 | Green PC LED | J8 |
| IDE interface 2 | CN7 | Chassis fan power | JP2 |
| Floppy drive interface | CN8 | Chassis fan power | JP4 |
| Speaker | J1 | 32-bit PCI slots | PC1 – PC5 |

| DRAM 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) 2M x 36 | (2) 1M x 36 | None |
| 24MB | (2) 1M x 36 | (2) 1M x 36 | (2) 1M x 36 |
| 32MB | (2) 4M x 36 | None | None |
| 32MB | (2) 2M x 36 | (2) 2M x 36 | None |
| 40MB | (2) 4M x 36 | (2) 1M x 36 | None |
| 48MB | (2) 4M x 36 | (2) 2M x 36 | None |
| 48MB | (2) 4M x 36 | (2) 1M x 36 | (2) 1M x 36 |
| 56MB | (2) 4M x 36 | (2) 2M x 36 | (2) 1M x 36 |
| 64MB | (2) 8M x 36 | None | None |
| 64MB | (2) 4M x 36 | (2) 4M x 36 | None |
| 80MB | (2) 8M x 36 | (2) 2M x 36 | None |
| 80MB | (2) 8M x 36 | (2) 1M x 36 | (2) 1M x 36 |
| 88MB | (2) 8M x 36 | (2) 2M x 36 | (2) 1M x 36 |
| 96MB | (2) 8M x 36 | (2) 4M x 36 | None |
| 96MB | (2) 4M x 36 | (2) 4M x 36 | (2) 4M x 36 |
| 96MB | (2) 8M x 36 | (2) 2M x 36 | (2) 2M x 36 |
| 104MB | (2) 8M x 36 | (2) 4M x 36 | (2) 1M x 36 |
| 112MB | (2) 8M x 36 | (2) 4M x 36 | (2) 2M x 36 |
| 128MB | (2) 8M x 36 | (2) 4M x 36 | (2) 4M x 36 |
| 128MB | (2) 16M x 36 | None | None |
| 128MB | (2) 8M x 36 | (2) 8M x 36 | None |
| 136MB | (2) 8M x 36 | (2) 8M x 36 | (2) 1M x 36 |
| 136MB | (2) 16M x 36 | (2) 1M x 36 | None |
| 144MB | (2) 16M x 36 | (2) 2M x 36 | None |
| 144MB | (2) 16M x 36 | (2) 1M x 36 | (2) 1M x 36 |
| 152MB | (2) 16M x 36 | (2) 2M x 36 | (2) 1M x 36 |

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GA - 686DX

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| DRAM CONFIGURATION (CON'T) | | | |
|----------------------------|--------------|--------------|--------------|
| Size | Bank 0 | Bank 1 | Bank 2 |
| 160MB | (2) 16M x 36 | (2) 4M x 36 | None |
| 160MB | (2) 16M x 36 | (2) 2M x 36 | (2) 2M x 36 |
| 168MB | (2) 16M x 36 | (2) 4M x 36 | (2) 1M x 36 |
| 176MB | (2) 16M x 36 | (2) 4M x 36 | (2) 2M x 36 |
| 192MB | (2) 16M x 36 | (2) 8M x 36 | None |
| 192MB | (2) 16M x 36 | (2) 4M x 36 | (2) 4M x 36 |
| 200MB | (2) 16M x 36 | (2) 8M x 36 | (2) 1M x 36 |
| 208MB | (2) 16M x 36 | (2) 8M x 36 | (2) 2M x 36 |
| 224MB | (2) 16M x 36 | (2) 8M x 36 | (2) 4M x 36 |
| 256MB | (2) 16M x 36 | (2) 16M x 36 | None |
| 256MB | (2) 16M x 36 | (2) 8M x 36 | (2) 8M x 36 |
| 256MB | (2) 32M x 36 | None | None |
| 264MB | (2) 16M x 36 | (2) 16M x 36 | (2) 1M x 36 |
| 264MB | (2) 32M x 36 | (2) 1M x 36 | None |
| 272MB | (2) 16M x 36 | (2) 16M x 36 | (2) 2M x 36 |
| 272MB | (2) 32M x 36 | (2) 2M x 36 | None |
| 288MB | (2) 16M x 36 | (2) 16M x 36 | (2) 4M x 36 |
| 288MB | (2) 32M x 36 | (2) 4M x 36 | None |
| 320MB | (2) 16M x 36 | (2) 16M x 36 | (2) 8M x 36 |
| 320MB | (2) 32M x 36 | (2) 8M x 36 | None |
| 384MB | (2) 16M x 36 | (2) 16M x 36 | (2) 16M x 36 |
| 384MB | (2) 32M x 36 | (2) 16M x 36 | None |
| 512MB | (2) 32M x 36 | (2) 32M x 36 | None |

Note: Board accepts EDO memory.

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

| CPU SPEED SELECTION | | | | |
|---------------------|------|------|------|------|
| Speed | S1/1 | S1/2 | S1/3 | S1/4 |
| 150MHz | On | On | Off | Off |
| 166MHz | Off | On | Off | Off |
| 180MHz | On | Off | On | Off |
| 200MHz | Off | Off | On | Off |
| 233MHz | Off | On | On | Off |
| 266MHz | Off | Off | Off | On |