# CALIFORNIA GRAPHICS & PERIPHERALS, INC.

## POWER PRO II AGP VIDEO

### Configuration
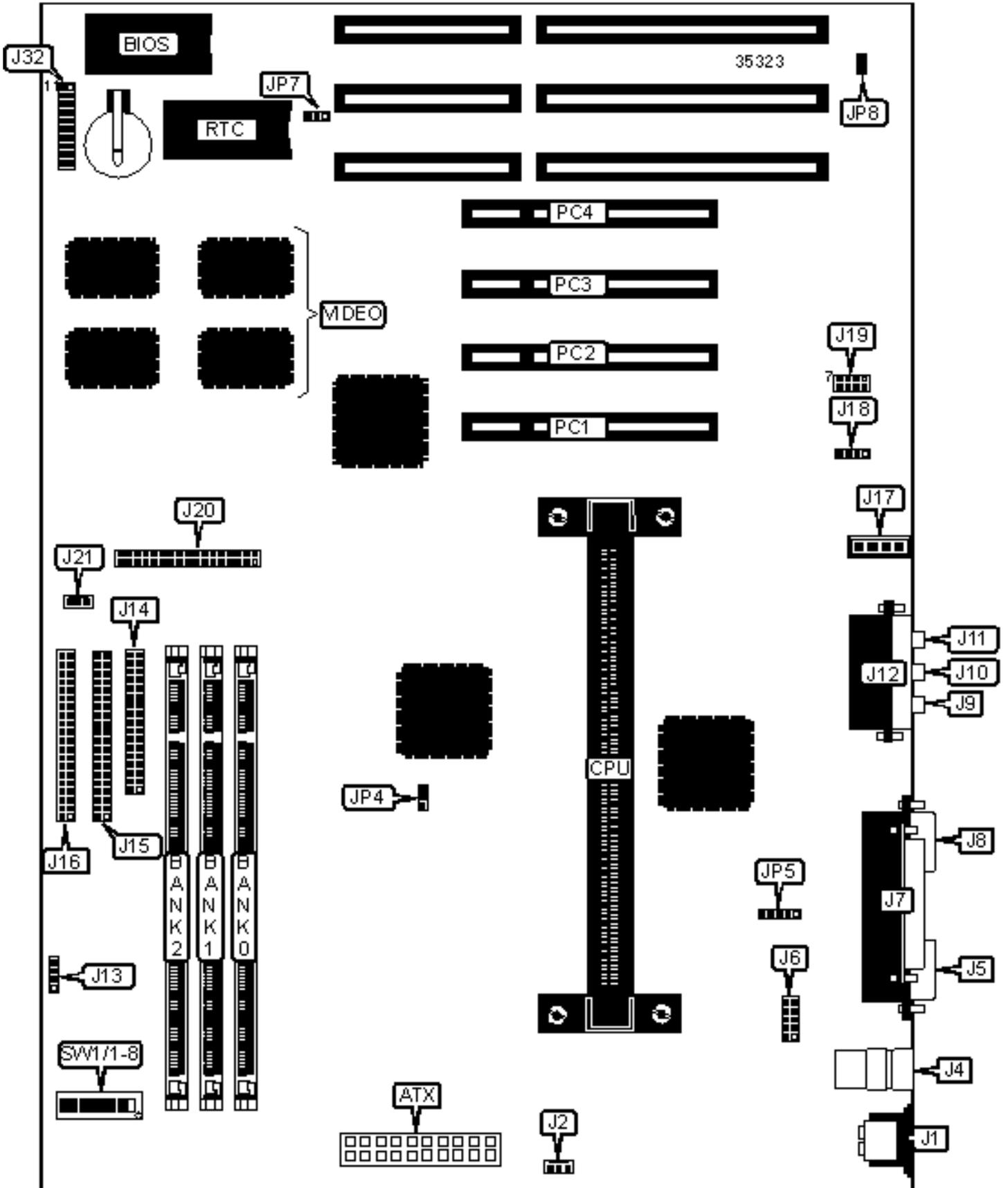
## CONNECTIONS

| Purpose | Location | Purpose | Location |
|---|---|---|---|
| ATX Connector | ATX | IDE interface 2 | J16 |
| PS/2 mouse port | J1 | Audio in - CD-ROM | J17 |
| CPU fan power | J2 | Audio in - CD-ROM | J18 |
| USB port 1 | J4 | Wave table connector | J19 |
| USB port 2 | J4 | VGA feature connector | J20 |
| Serial port 1 | J5 | Chassis fan power | J21 |
| Serial port 2 | J6 | Speaker | J32/pins 1 - 4 |
| Parallel port | J7 | Soft off power supply | J32/pins 6 & 16 |
| VGA port | J8 | Power switch | J32/pins 7 & 17 |
| Line out | J9 | Turbo LED | J32/pins 8 & 18 |
| Line in | J10 | Reset switch | J32/pins 9 & 19 |
| Microphone | J11 | IDE interface LED | J32/pins 10 & 20 |
| Game port | J12 | Power LED & keylock | J32/pins 11 - 15 |
| TV out connector | J13 | Chassis intrusion monitoring | JP4 |
| Floppy drive interface | J14 | IR connector | JP5 |
| IDE interface 1 | J15 | 32-bit PCI slots | PC1 - PC4 |

## USER CONFIGURABLE SETTINGS

| | Function | Label | Position |
|---|---|---|---|
| » | CMOS memory normal operation | JP7 | Pins 1 & 2 closed |
| | CMOS memory clear | JP7 | Pins 2 & 3 closed |
| » | Onboard audio enabled | JP8 | Closed |
| | Onboard audio disabled | JP8 | Open |

| DIMM CONFIGURATION | | | |
|---|---|---|---|
| Size | Bank 0 | Bank 1 | Bank 2 |
| 8MB | (1) 1MB x 64 | None | None |
| 16MB | (1) 1MB x 64 | (1) 1MB x 64 | None |
| 16MB | (1) 2MB x 64 | None | None |
| 24MB | (1) 1MB x 64 | (1) 1MB x 64 | (1) 1MB x 64 |
| 24MB | (1) 2MB x 64 | (1) 1MB x 64 | None |
| 32MB | (1) 2MB x 64 | (1) 2MB x 64 | None |
| 32MB | (1) 4MB x 64 | None | None |
| 32MB | (1) 2MB x 64 | (1) 1MB x 64 | (1) 1MB x 64 |
| 40MB | (1) 4MB x 64 | (1) 1MB x 64 | None |
| 48MB | (1) 2MB x 64 | (1) 2MB x 64 | (1) 2MB x 64 |
| 48MB | (1) 4MB x 64 | (1) 2MB x 64 | None |
| 48MB | (1) 4MB x 64 | (1) 1MB x 64 | (1) 1MB x 64 |
| 56MB | (1) 4MB x 64 | (1) 2MB x 64 | (1) 1MB x 64 |
| 64MB | (1) 4MB x 64 | (1) 4MB x 64 | None |
| 64MB | (1) 8MB x 64 | None | None |
| 64MB | (1) 4MB x 64 | (1) 2MB x 64 | (1) 2MB x 64 |
| 72MB | (1) 8MB x 64 | (1) 1MB x 64 | None |

| DIMM CONFIGURATION (CONT.) | | | |
|---|---|---|---|
| Size | Bank 0 | Bank 1 | Bank 2 |
| 80MB | (1) 8MB x 64 | (1) 2MB x 64 | None |
| 80MB | (1) 8MB x 64 | (1) 1MB x 64 | (1) 1MB x 64 |
| 96MB | (1) 4MB x 64 | (1) 4MB x 64 | (1) 4MB x 64 |
| 96MB | (1) 8MB x 64 | (1) 4MB x 64 | None |

| | | | |
|---|---|---|---|
| 96MB | (1) 8MB x 64 | (1) 2MB x 64 | (1) 2MB x 64 |
| 104MB | (1) 8MB x 64 | (1) 4MB x 64 | (1) 1MB x 64 |
| 112MB | (1) 8MB x 64 | (1) 4MB x 64 | (1) 2MB x 64 |
| 128MB | (1) 8MB x 64 | (1) 8MB x 64 | None |
| 128MB | (1) 16MB x 64 | None | None |
| 128MB | (1) 8MB x 64 | (1) 4MB x 64 | (1) 4MB x 64 |
| 136MB | (1) 16MB x 64 | (1) 1MB x 64 | None |
| 144MB | (1) 16MB x 64 | (1) 2MB x 64 | None |
| 144MB | (1) 16MB x 64 | (1) 1MB x 64 | (1) 1MB x 64 |
| 152MB | (1) 16MB x 64 | (1) 2MB x 64 | (1) 1MB x 64 |
| 160MB | (1) 16MB x 64 | (1) 2MB x 64 | (1) 2MB x 64 |
| 168MB | (1) 16MB x 64 | (1) 4MB x 64 | None |
| 168MB | (1) 16MB x 64 | (1) 4MB x 64 | (1) 1MB x 64 |
| 176MB | (1) 16MB x 64 | (1) 4MB x 64 | (1) 2MB x 64 |
| 192MB | (1) 8MB x 64 | (1) 8MB x 64 | (1) 8MB x 64 |
| 192MB | (1) 16MB x 64 | (1) 8MB x 64 | None |
| 192MB | (1) 16MB x 64 | (1) 4MB x 64 | (1) 4MB x 64 |
| 200MB | (1) 16MB x 64 | (1) 8MB x 64 | (1) 1MB x 64 |
| 208MB | (1) 16MB x 64 | (1) 8MB x 64 | (1) 2MB x 64 |
| 224MB | (1) 16MB x 64 | (1) 8MB x 64 | (1) 4MB x 64 |
| 256MB | (1) 16MB x 64 | (1) 16MB x 64 | None |
| 256MB | (1) 16MB x 64 | (1) 8MB x 64 | (1) 8MB x 64 |
| 384MB | (1) 16MB x 64 | (1) 16MB x 64 | (1) 16MB x 64 |

| CPU SPEED SELECTION | | | | | | |
|---|---|---|---|---|---|---|
| Speed | Clock speed | Multiplier | SW1/1 | SW1/2 | SW1/3 | SW1/4 |

| 233MHz | 66MHz | 3.5x | Off | Off | On | Off |
| 266MHz | 66MHz | 4x | Off | Off | Off | On |
| 300MHz | 66MHz | 4.5x | Off | Off | Off | On |

| CPU SPEED SELECTION (CONT.) | | | | | | |
|---|---|---|---|---|---|---|
| Speed | Clock speed | Multiplier | SW1/5 | SW1/6 | SW1/7 | SW1/8 |
| 233MHz | 66MHz | 3.5x | Off | On | Off | Off |
| 266MHz | 66MHz | 4x | On | On | Off | Off |
| 300MHz | 66MHz | 4.5x | Off | On | Off | Off |