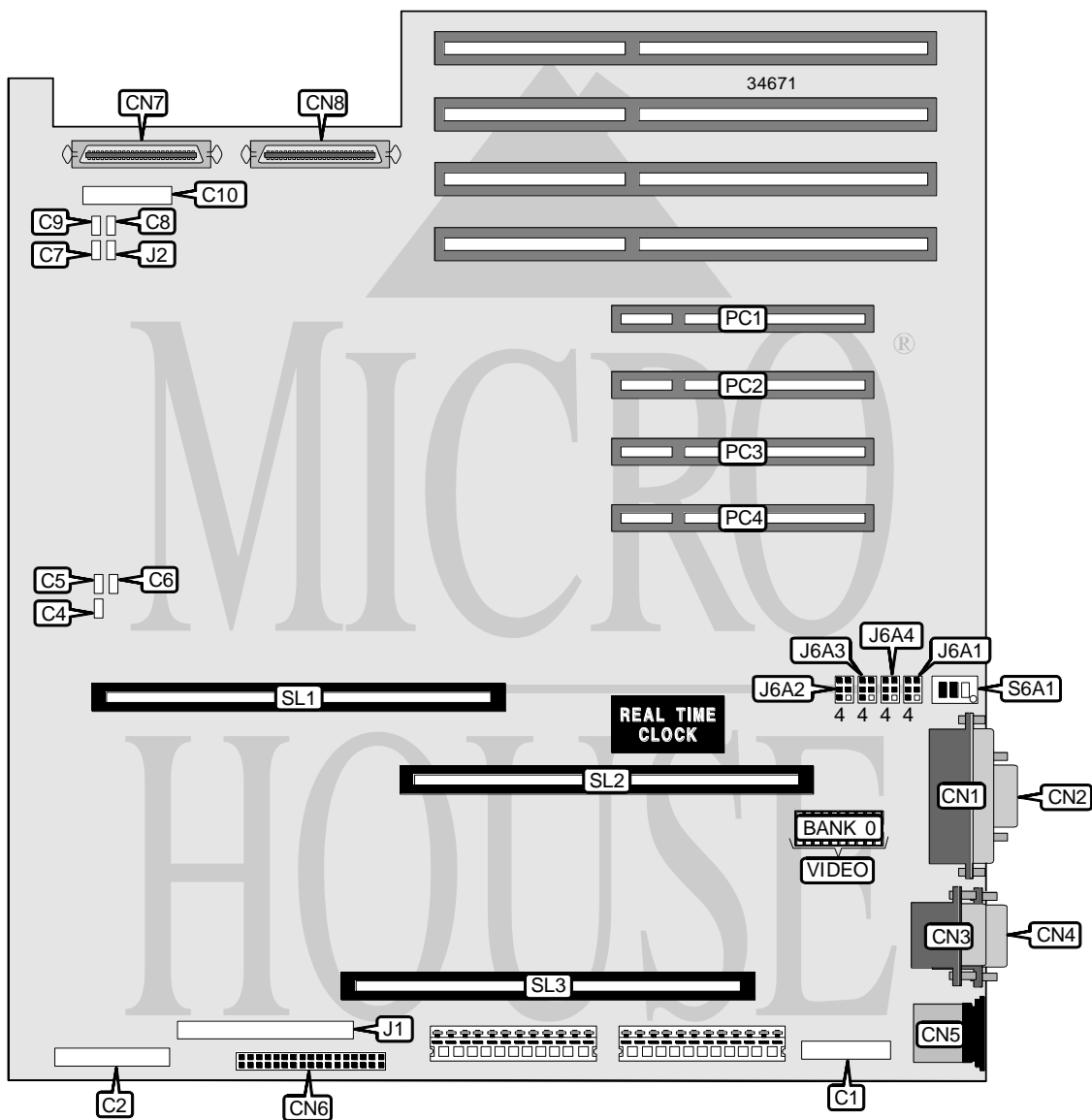


IBM CORPORATION PC SERVER 704 (TYPE 8650) MODEL 7AX

| | |
|-------------------------------|--|
| Processor | Pentium Pro |
| Processor Speed | 166MHz |
| Chip Set | Unidentified |
| Video Chip Set | Cirrus Logic |
| Maximum Onboard Memory | 2GB |
| Maximum Video Memory | 1MB |
| Cache | 512KB (located on Pentium Pro CPU) |
| BIOS | Unidentified |
| Dimensions | 355mm x 304mm |
| I/O Options | 32-bit PCI slots (4), floppy drive interface, Ultra Wide SCSI interfaces (2), parallel port, PS/2 mouse port, serial ports (2), VGA port, riser slots (2), memory slot |
| NPU Options | None |



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| CONNECTIONS | | | |
|-------------------------|----------|---------------------------|-----------|
| Purpose | Location | Purpose | Location |
| Power control connector | C1 | Serial port | CN3 |
| Front panel connector | C2 | Serial port | CN4 |
| Chassis fan power | C4 | PS/2 mouse port | CN5 |
| Chassis fan power | C5 | Floppy drive interface | CN6 |
| SCSI interface LED | C6 | Ultra Wide SCSI interface | CN7 |
| Chassis fan power | C8 | Ultra Wide SCSI interface | CN8 |
| Chassis fan power | C9 | 32-bit PCI slots | PC1 – PC4 |
| SCSI interface LED | C10 | CPU slot | SL1 |
| Parallel port | CN1 | CPU slot | SL2 |
| VGA port | CN2 | Memory slot | SL3 |

| USER CONFIGURABLE SETTINGS | | |
|-------------------------------------|--------|-------------------|
| Function | Label | Position |
| í Factory configured - do not alter | C7 | Unidentified |
| í Factory configured - do not alter | J1 | Unidentified |
| í Factory configured - do not alter | J2 | Unidentified |
| í Flash BIOS normal operation | J6A1 | Pins 1 & 2 closed |
| Flash BIOS recovery mode | J6A1 | Pins 2 & 3 closed |
| í BIOS boot block write protected | J6A1 | Pins 4 & 5 closed |
| BIOS boot block write programmable | J6A1 | Pins 5 & 6 closed |
| í Video sleep register select 03C3H | J6A2 | Pins 4 & 5 closed |
| Video sleep register select 46E8H | J6A2 | Pins 5 & 6 closed |
| í Factory configured - do not alter | J6A3 | Unidentified |
| í Flash BIOS update disabled | J6A4 | Pins 1 & 2 closed |
| Flash BIOS update enabled | J6A4 | Pins 2 & 3 closed |
| í CMOS memory normal operation | S6A1/1 | Off |
| CMOS memory clear | S6A1/1 | On |
| í Password normal operation | S6A1/2 | Off |
| Password clear | S6A1/2 | On |
| í Factory configured - do not alter | S6A1/3 | Off |

| DIMM CONFIGURATION | | | | |
|--------------------|--------------|-------------|-------------|-------------|
| Size | Bank 0 | Bank 1 | Bank 2 | Bank 3 |
| 64MB | (4) 4M x 36 | None | None | None |
| 128MB | (4) 8M x 36 | None | None | None |
| 128MB | (4) 4M x 36 | (4) 4M x 36 | None | None |
| 192MB | (4) 4M x 36 | (4) 4M x 36 | (4) 4M x 36 | None |
| 256MB | (4) 16M x 36 | None | None | None |
| 256MB | (4) 4M x 36 | (4) 4M x 36 | (4) 4M x 36 | (4) 4M x 36 |
| 256MB | (4) 8M x 36 | (4) 8M x 36 | None | None |
| 384MB | (4) 8M x 36 | (4) 8M x 36 | (4) 8M x 36 | None |
| 512MB | (4) 32M x 36 | None | None | None |

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| DIMM/SIMM CONFIGURATION (CON'T) | | | | |
|---------------------------------|--------------|--------------|--------------|--------------|
| Size | Bank 0 | Bank 1 | Bank 2 | Bank 3 |
| 512MB | (4) 8M x 36 | (4) 8M x 36 | (4) 8M x 36 | (4) 8M x 36 |
| 512MB | (4) 16M x 36 | (4) 16M x 36 | None | None |
| 768MB | (4) 16M x 36 | (4) 16M x 36 | (4) 16M x 36 | None |
| 1024MB | (4) 16M x 36 | (4) 16M x 36 | (4) 16M x 36 | (4) 16M x 36 |
| 1024MB | (4) 32M x 36 | (4) 32M x 36 | None | None |
| 1536MB | (4) 32M x 36 | (4) 32M x 36 | (4) 32M x 36 | None |
| 2048MB | (4) 32M x 36 | (4) 32M x 36 | (4) 32M x 36 | (4) 32M x 36 |

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

| VIDEO MEMORY CONFIGURATION | |
|---|--------|
| Size | Bank 0 |
| 512KB | 512KB |
| 1MB | 1MB |
| Note: The size of the video memory is unidentified. | |