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Strategy 24SBC Enhanced Voice Processing System

Starting in August, 1999, hardware enhancements were made to the Strategy 24 Voice Processing system and a new enhanced model Strategy 24SBC started shipping in place of the Strategy 24 system. This bulletin describes the new Strategy 24SBC hardware enhancements. The Strategy 24SBC still ships with software version V24.225 and supports all of the same Strategy 24 features.

Hardware Description

The Strategy 24SBC (see [Figure 1](#)) is a PC-based system that has a new passive backplane with all of the computer circuitry on a Single Board Computer (SBC). The hardware platform is a desktop model that supports up to 6 voice boards for a maximum of 24 ports, and provides 33 hours of voice storage. The Strategy 24SBC carries the same two-year warranty as all the other Strategy products.

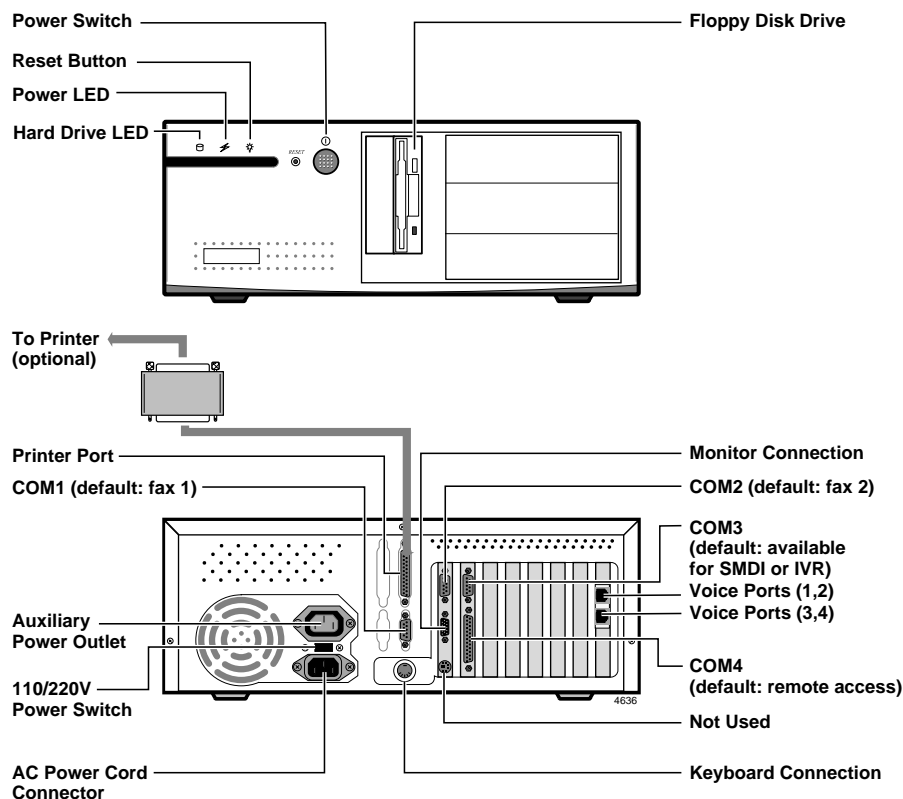


Figure 1 Strategy 24SBC

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The motherboard and power supply of the Strategy 24SBC are unique for this product. The new motherboard consists of a passive backplane mounted on the bottom of the PC chassis, with all of the computer circuitry on a SBC (see [Figure 2](#)). The VGA video circuitry, disk controller, Central Processing Unit (CPU) and 4MB of memory are resident on the SBC. The PC also comes equipped with a:

- ♦ 3.5" floppy disk drive
- ♦ VGA white (monochrome) monitor
- ♦ Keyboard for local maintenance
- ♦ Four serial ports
- ♦ Same Strategy Activation Module (SAM) as the earlier Strategy 24 systems (turquoise)

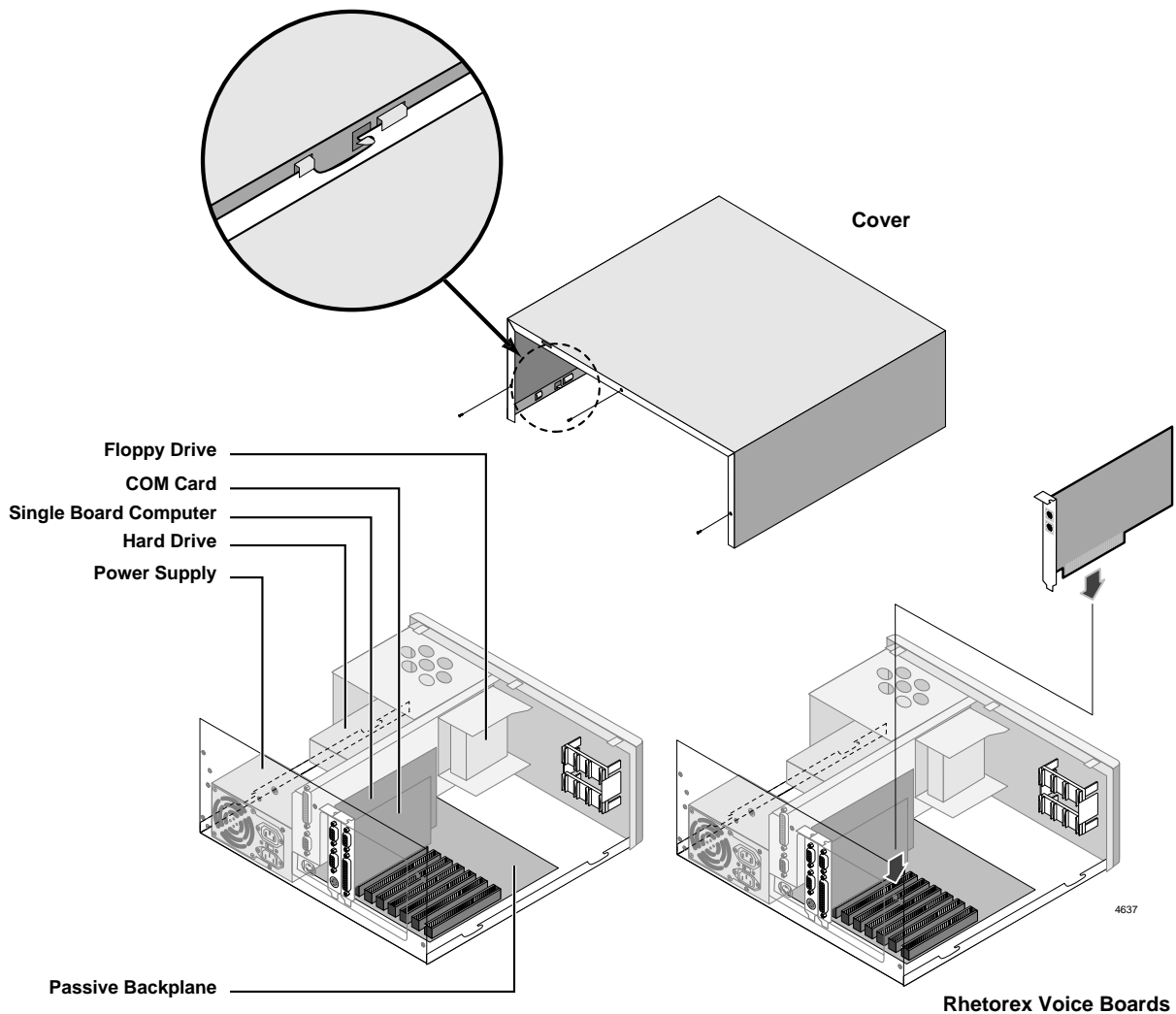


Figure 2 Strategy 24SBC Internal View

Voice Boards

The Strategy 24SBC is factory equipped with a standard 4-port Rhetorex voice board.

Strategy 24SBC can be expanded to their maximum capacity by installing additional Strategy two- or four-port standard voice boards. The two sizes of voice boards, half-length and full-length, are functionally equivalent and can be used in the same system (see [Figure 3](#) below). See [Figure 2 on Page 2](#) of this bulletin and Chapter 2 – Hardware Installation in the *Strategy R2 Installation and Maintenance Manual* for details on installing the boards.

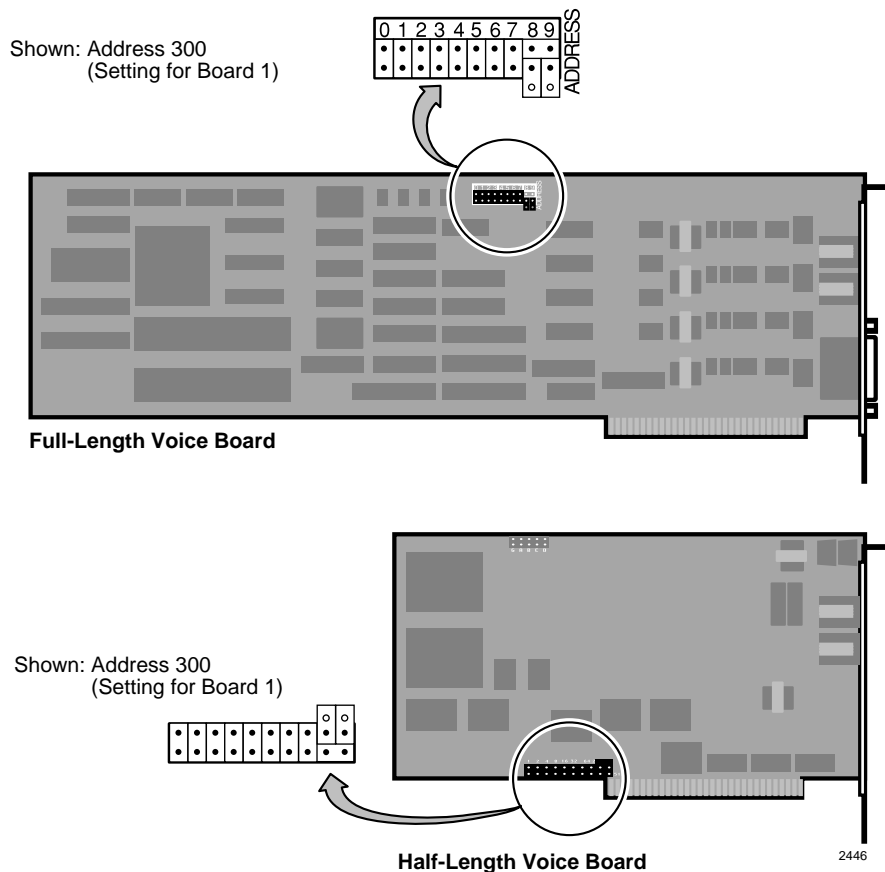


Figure 3 Strategy Standard Voice Boards

Software/Feature Description

The Strategy 24SBC is year 2000 compliant and ships with Release V24.225 software that Toshiba has been shipping since September, 1998. All Release 2 features function the same on the Strategy 24SBC as they do on all other PC-based Release 2 Strategy systems. For details on Release 2 features and options, see the Release 2 *Strategy General Description, Installation and Maintenance Manual*, and *User Guide*.

The optional fax/modem(s) on Strategy 24SBC can be used to provide Fax Messaging, Fax on Demand and Fax Back.

The Strategy 24SBC comes preprogrammed for operation with the Strata DK424 systems, and can be plug-and-play configured to work with other Strata DK telephone systems or configured to work with other manufacturers' telephone systems.

The Strategy 24SBC supports these Toshiba telephone systems:

- ♦ Strata DK14/DK8 – all releases
- ♦ Strata DK40i/DK40/DK16e/DK16 – all releases
- ♦ Strata DK424/DK280 – all releases
- ♦ Strata DK24/DK56/DK96 – Release 4

Installation

See Chapter 2 - Hardware Installation of the Release 2 *Strategy Installation and Maintenance Manual*.

Accessing Strategy

See Chapter 3 – Accessing Strategy section of the Release 2 *Strategy Installation and Maintenance Manual*.

Equipment

Many of the equipment items for the current Strategy 24 Plus are also used on the Strategy 24SBC. The Requirements/Comments column in the following table notes shared items.

The following equipment is available from Toshiba as options:

| System | Item | Description | Requirements/Comments |
|--------------|----------------|--|---|
| 24SBC | SG-24SBC | Strategy 24SBC system with 4 voice ports and 33 hours of storage. Includes keyboard and monitor. | Add 2 or 4-port voice board(s) as required to maximum capacity of 24 ports. Note Duet/Quartet voice boards cannot be installed on the Strategy 24SBC. |
| Spare Parts | SG-24P-KIT | Strategy 24 Plus/StrategySBC system spares kit. Includes metal case, passive backplane, power supply and cables. | As desired for spares. Same as Strategy 24 Plus. |
| | SG-24/SBC | Strategy 24SBC Single Board Computer. Contains 4MB RAM, VGA circuitry, and 2 COM ports. | As desired for spares. |
| | SG-24P-BP | Strategy 24 Plus/Strategy SBC Passive Backplane. | As desired for spares. Same as Strategy 24 Plus. |
| | SG-24P-CB | Strategy 24 Plus/Strategy SBC cables. | As desired for spares. Same as Strategy 24 Plus. |
| | SG-24P-MC | Strategy 24 Plus/Strategy SBC metal case. | As desired for spares. Same as Strategy 24 Plus. |
| | SG-24P-COM2 | Strategy 24 Plus/Strategy SBC serial communications card - 2 ports. | As desired for spares. Same as Strategy 24 Plus. |
| | SG-MM | Strategy 24 Plus/Strategy SBC white VGA monitor. | As desired for spares. |
| | SG-4MB6L | Strategy 4MB memory board. | As desired for spares. Same as Strategy 24 Plus. |
| Voice Boards | SG-PS | Strategy power supply (110/220VAC) | As desired for spares. Same as Strategy 24 Plus. |
| | SG-P2R | Strategy 2-port voice board. | Expands system by two ports. As desired for spares. Same as Strategy 24 Plus. |
| | SG-P4R | Strategy 4-port voice board. | Expands system by four ports. As desired for spares. Same as Strategy 24 Plus. |
| Fax | SG-FMOD | Fax/modem (includes RS-232 and modular cables). | Required for Strategy 16, Strategy 24, Strategy 24 Plus and Strategy 24SBC Fax Messaging, Fax Back, etc., applications. One per each port of fax. |
| | SG-FAXAPP-2.03 | Strategy fax application software creates User ID mailboxes for fax application. | It is not necessary to have this software to perform fax features with Strategy. Does not create fax messaging applications. Same as Strategy 24 Plus. |

| System | Item | Description | Requirements/Comments |
|---------------|-----------|--|---|
| Disk Drives | SG-HD33 | Stratagy Disk Drive - 33 Hours of storage. | As desired for spares. Does not include system software. Same as Stratagy 24 Plus. |
| | SG-FDD | Stratagy floppy-disk drive 3.5". | As desired for spares. Same as Stratagy 24 Plus. |
| SAM | SG-SAM-24 | Stratagy Activation Module (SAM). | Required for system operation. Same as Stratagy 24 Plus. |
| Miscellaneous | SG-KEYB | Stratagy keyboard. | As desired for spares. Same as Stratagy 24 Plus. |
| | SG-RMOD | Remote access modem 2400 baud (includes RS-232 and modular cables). | Required for remote access. Also requires remote software installed on portable PC. Same as Stratagy 24 Plus. |
| Software | SG-24S2.0 | Stratagy 24 system software version 2.xx. Floppy disk set (2). | Required to support one or multiple Stratagy 24SBC system(s). Same as Stratagy 24 Plus. |
| | SG-PSE2.0 | Stratagy prompts software - English - version 2.x. Floppy disk set (3). | Required to support one or multiple Stratagy system(s) using English prompts. Same as Stratagy 24 Plus. |
| | SG-PSS2.0 | Stratagy prompts software - Spanish - version 2.x. Floppy disk set (3). | Required to support one or multiple Stratagy system(s) using Spanish prompts. Same as Stratagy 24 Plus. |
| | SG-PSF2.0 | Stratagy prompts software - French-Canadian - version 2.x. Floppy disk set (3). | Required to support one or multiple Stratagy system(s) using French-Canadian prompts. Same as Stratagy 24 Plus. |
| | SG-RS2.0 | Stratagy remote software version 1.5 for portable PC. May be installed on more than one portable PC. | Required for remote access on Stratagy 6 Lite, 6, 24, 24 Plus and 24SBC systems and local access on these systems without keyboard and monitor. Also requires a portable PC or PC and modems. |