

## Stratagy® Technical Bulletin

TB40-0028 4100047 September,1999

# Stratagy 24SBC Enhanced Voice Processing System

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

### **Hardware Description**

The Stratagy 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 Stratagy 24SBC carries the same two-year warranty as all the other Stratagy products.

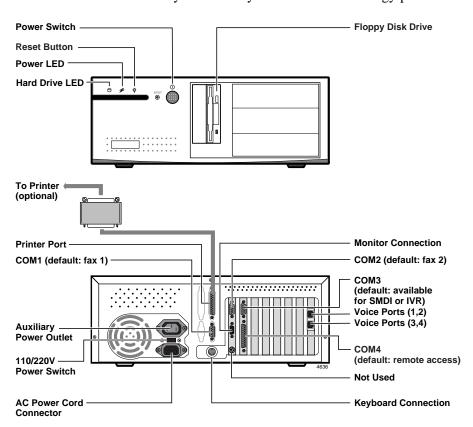


Figure 1 Stratagy 24SBC

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The motherboard and power supply of the Stratagy 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 Stratagy Activation Module (SAM) as the earlier Stratagy 24 systems (turquoise)

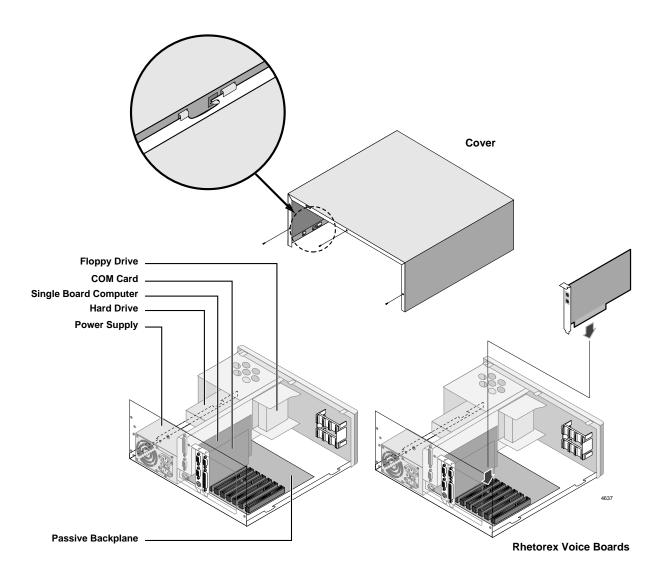


Figure 2 Stratagy 24SBC Internal View

TB40-0028 Hardware Description

#### **Voice Boards**

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

Stratagy 24SBC can be expanded to their maximum capacity by installing additional Stratagy 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 *Stratagy R2 Installation and Maintenance Manual* for details on installing the boards.

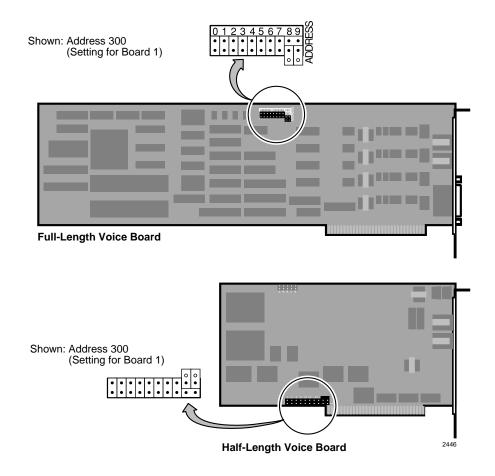


Figure 3 Stratagy Standard Voice Boards

Installation TB40-0028

### **Software/Feature Description**

The Stratagy 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 Stratagy 24SBC as they do on all other PC-based Release 2 Stratagy systems. For details on Release 2 features and options, see the Release 2 Stratagy General Description, Installation and Maintenance Manual, and User Guide.

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

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

The Stratagy 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 Stratagy Installation and Maintenance Manual.

### **Accessing Stratagy**

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

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### **Equipment**

Many of the equipment items for the current Stratagy 24 Plus are also used on the Stratagy 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	Stratagy 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 Stratagy 24SBC.
Spare Parts	SG-24P-KIT	Stratagy 24 Plus/StratagySBC system spares kit. Includes metal case, passive backplane, power supply and cables.	As desired for spares. Same as Stratagy 24 Plus.
	SG-24/SBC	Stratagy 24SBC Single Board Computer. Contains 4MB RAM, VGA circuitry, and 2 COM ports.	As desired for spares.
	SG-24P-BP	Stratagy 24 Plus/Stratagy SBC Passive Backplane.	As desired for spares. Same as Stratagy 24 Plus.
	SG-24P-CB	Stratagy 24 Plus/Stratagy SBC cables.	As desired for spares. Same as Stratagy 24 Plus.
	SG-24P-MC	Stratagy 24 Plus/Stratagy SBC metal case.	As desired for spares. Same as Stratagy 24 Plus.
	SG-24P-COM2	Stratagy 24 Plus/Stratagy SBC serial communications card - 2 ports.	As desired for spares. Same as Stratagy 24 Plus.
	SG-MM	Stratagy 24 Plus/Stratagy SBC white VGA monitor.	As desired for spares.
	SG-4MB6L	Stratagy 4MB memory board.	As desired for spares. Same as Stratagy 24 Plus.
	SG-PS	Stratagy power supply (110/220VAC)	As desired for spares. Same as Stratagy 24 Plus.
Voice Boards	SG-P2R	Stratagy 2-port voice board.	Expands system by two ports. As desired for spares. Same as Stratagy 24 Plus.
	SG-P4R	Stratagy 4-port voice board.	Expands system by four ports. As desired for spares. Same as Stratagy 24 Plus.
Fax	SG-FMOD	Fax/modem (includes RS-232 and modular cables).	Required for Stratagy 16, Stratagy 24, Stratagy 24 Plus and Stratagy 24SBC Fax Messaging, Fax Back, etc., applications. One per each port of fax.
	SG-FAXAPP-2.03	Stratagy fax application software creates User ID mailboxes for fax application.	It is not necessary to have this software to perform fax features with Stratagy. Does not create fax messaging applications. Same as Stratagy 24 Plus.

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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.