

Strategy 6 Lite SBC Enhanced Voice Processing System

This bulletin describes the hardware enhancements for the Strategy 6 Lite SBC Voice Processing system. The Strategy 6 Lite SBC is now shipping with a new passive backplane with all of the computer circuitry on a Single Board Computer (SBC). The Strategy 6 Lite SBC is still shipping with Strategy software version V6.225 software and supports all of the same Strategy 6 Lite features.

Hardware Description

The Strategy 6 Lite SBC is a PC-based system that carries the same two-year warranty as all the other Strategy products. The Strategy 6 Lite SBC hardware platform (Figures 1 and 2) is a desktop model that supports up to 3 voice boards for a maximum of 12 ports, and provides 33 hours of voice storage. The motherboard and power supply are unique for this product. The motherboard consists of a passive backplane mounted on the bottom of the PC chassis. The PC also comes equipped with a 3.5" floppy disk drive and the same red Strategy Activation Module (SAM) as the earlier Strategy 6 Lite SBC systems.

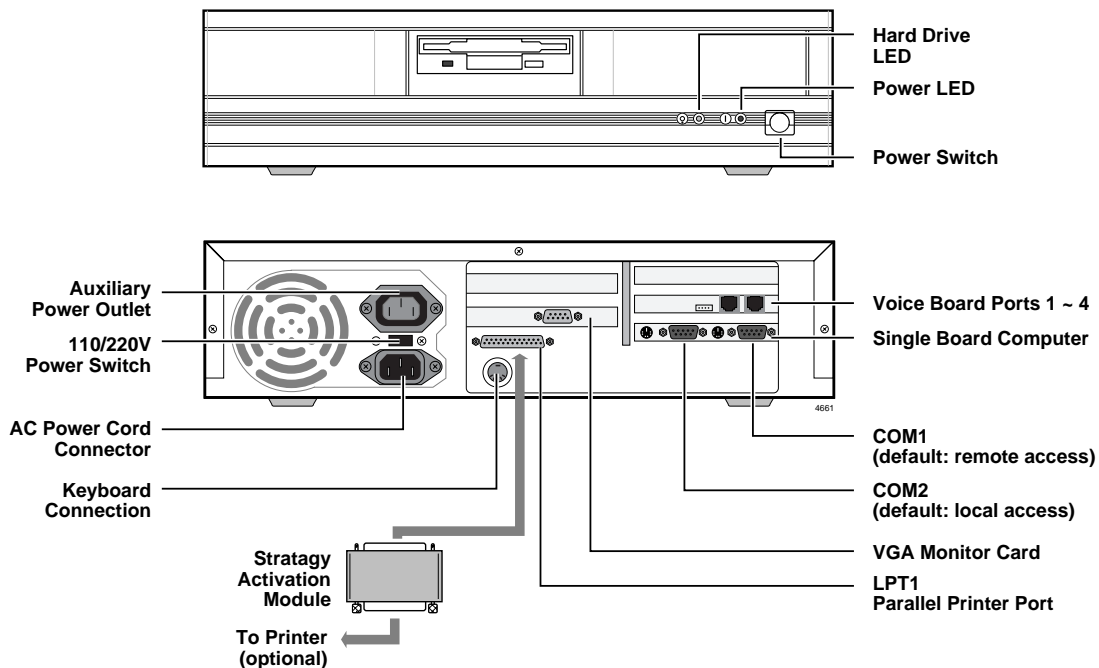


Figure 1 Strategy 6 Lite SBC

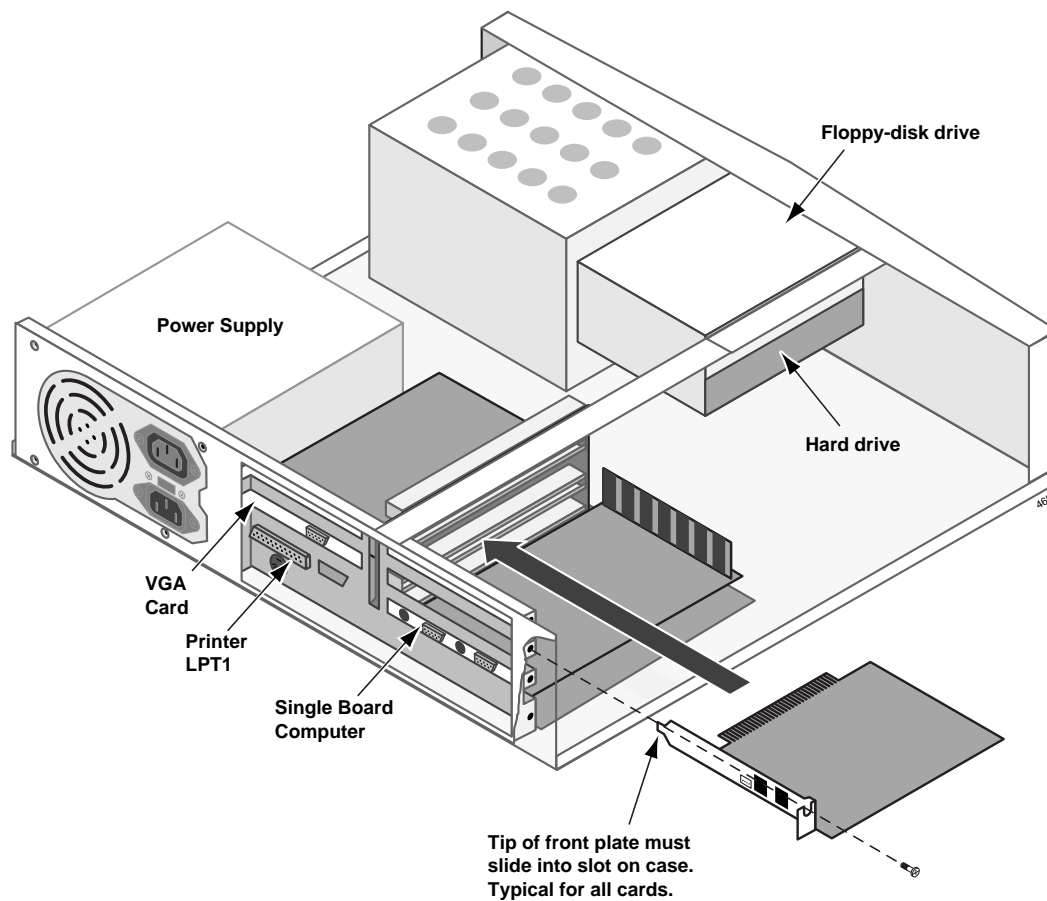


Figure 2 Strategy 6 Lite SBC Internal View

Voice Boards

The Strategy 6 Lite SBC is factory equipped with either a Duet (two ports) or Quartet (four ports) Rhetorex voice board (Figure 3). The peripheral circuit boards (i.e., disk controller and video controller) are built into the motherboard.

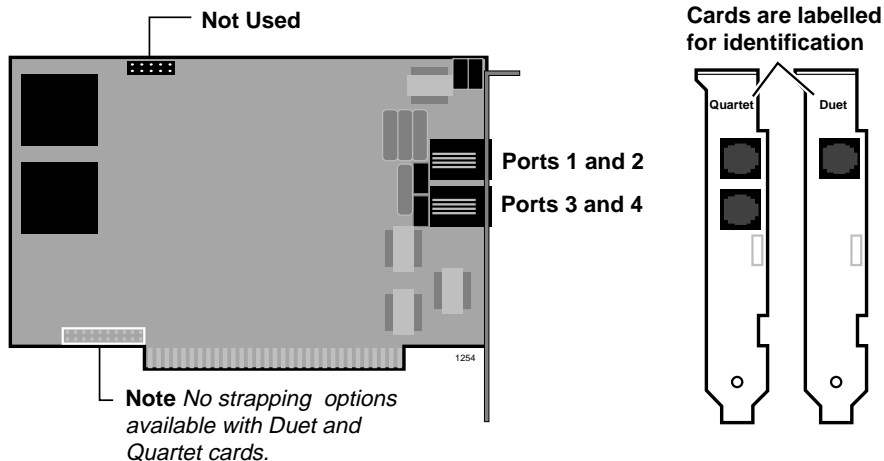


Figure 3 Duet and Quartet Voice Boards

The Duet and Quartet voice boards from Rhetorex are half-size cards that are more cost-effective than our standard voice boards. These boards have no strapping options and are fixed configured as the first voice board in the system. Therefore, only one Duet (two ports) or Quartet (four ports) voice board may be used in a system. Additional port capacity can be obtained in the Strategy 6 Lite SBC by adding standard voice boards.

CAUTION! Care should be taken when mixing standard and duet/quartet voice boards. The Duet and Quartet voice boards cannot perform the Alternate Rate (Speed Control) feature, whereas the standard voice boards in the Strategy 6 Lite SBC allow Alternate Rate.

Software/Feature Description

The Strategy 6 Lite SBC is year 2000 compliant and ships with Release V6.225 that Toshiba has been shipping since September, 1998. SG-16S2.0E is also available for use with the Strategy 6 Lite SBC to Strategy 12 Lite System Upgrade Kit (SG-6LUP12) and the Strategy 6 to 16 System Upgrade Kit (SG-UP16). However, due to the difference in hardware there are some feature differences between the two kits (see the Upgrade Capability section for detail).

All Release 2 features function the same on the Strategy 6 Lite SBC 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 Strategy 6 Lite SBC comes preprogrammed for operation with the Strata DK40i/DK40/DK16e/DK16 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 6 Lite SBC 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

The Strategy 6 Lite SBC's configuration contains certain limitations when compared to the Strategy 6. The following matrix illustrates the differences between the two systems.

Note Although tokens used for Interactive Voice Response (IVR) are present in 2.09E software, IVR applications are not supported on the Strategy 6 Lite SBC system.

Features	Strategy 6 Lite SBC	Strategy 6
RS-232 Serial communication ports - standard	2	2
RS-232 Serial communication ports - optional	Not Available	4
IVR Tokens supported	No	Yes
Alternate Rate (Speed Control) with Duet or Quartet voice boards	No	No
Alternate Rate (Speed Control) with standard voice boards	Yes	Yes

Upgrade Capability

Strategy 16 software (SG-S2.0E) is included in both the Strategy 6 Lite SBC to 12 Lite System Upgrade Kit (SG-6LUP12) and the Strategy 6 to 16 System Upgrade Kit (SG-6UP16). The following table shows the feature differences between the two systems.

Features with Strategy 16 Software (SG-16S2.0E)	Strategy 6 Lite SBC 12 System Upgrade Kit (SG-6LUP12)	Strategy 6 16 System Upgrade Kit (SG-6UP16)
Fax Back, Fax on Demand, & Fax Messaging with Fax Modem	Not Available	Yes
Maximum number of ports	12	16
Disk Redundancy Upgrade Kit	Not Available	Optional

Note Incoming Fax Tone Detection for transfer to a fax machine is supported on the Strategy 6 Lite SBC.

The same Strategy 16 SAM (SG-SAM-16) and video controller card (SG-VC24) are included in both upgrade kits. Although the new Strategy 6 Lite SBC does not require the video controller card to be replaced, earlier versions of the Strategy 6 Lite do. The Strategy 6 Lite SBC comes equipped with 4MB of Random Access Memory (RAM) memory. Earlier versions of the Strategy 6 Lite were equipped with only 2MB of memory. The Strategy 12 Lite requires 4MB of memory to operate. If you are upgrading an older Strategy 6 Lite and additional memory is required, the additional memory is included in the upgrade kit.

Note The Strategy 6 Lite SBC cannot be upgraded to a Strategy 6 or a Strategy 16.

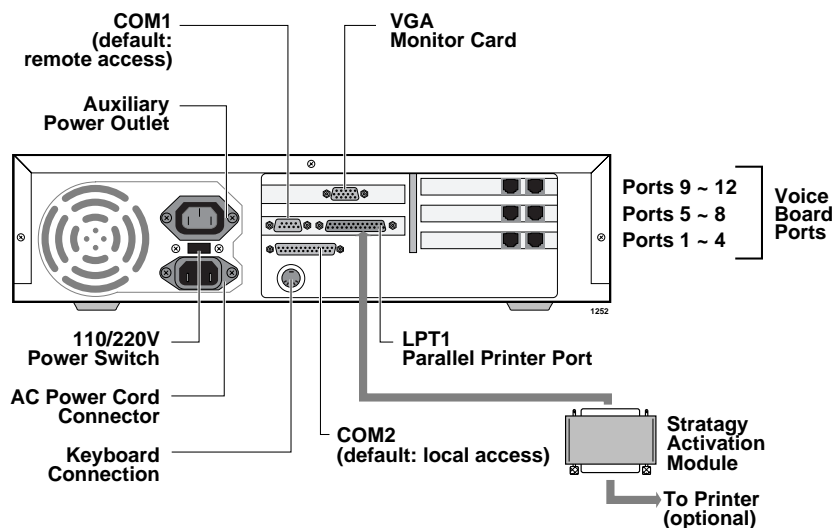


Figure 4 Strategy 6 Lite SBC with 12 System Upgrade Kit

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 6 Lite are also used on the Strategy 6 Lite SBC. 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
6 Lite SBC	SG-6L-2/33-SBC	Strategy 6 Lite SBC system with 2 voice ports and 33 hours of storage.	Add 2 or 4-port voice board(s) as required to maximum capacity of 6 ports.
	SG-6L-4/33-SBC	Strategy 6 Lite SBC system with 4 voice ports and 33 hours of storage.	Add 2-port voice board(s) as required to maximum capacity of 6 ports.
Spare Parts	SG-6L-SBC-KIT	Strategy 6 Lite SBC system spares kit. Includes metal case, passive backplane, power supply and cables.	As desired for spares.
	SG-6L/SBC	Strategy 6 Lite SBC Single Board Computer. Contains 4MB RAM, VGA circuitry, and 2 COM ports.	As desired for spares.
	SG-6LSBC-BP	Strategy 6 Lite SBC Passive Backplane w/riser card.	As desired for spares.
	SG-24P-CB	Strategy 6 Lite SBC cables.	As desired for spares. Same as Strategy 24 Plus.
	SG-MC6L	Strategy 6 Lite SBC metal case.	As desired for spares. Same as Strategy 6 Lite.
	SG-MM	Strategy white VGA monitor.	As desired for spares.
	SG-4MB6L	Strategy 4MB memory board.	As desired for spares.
	SG-PS	Strategy power supply (110/220VAC)	As desired for spares. Same as Strategy 6 Lite.

System	Item	Description	Requirements/Comments
Voice Boards	SG-P2R	Stratagy 2-port voice board.	Expands system by two ports. As desired for spares.
	SG-P4R	Stratagy 4-port voice board.	Expands system by four ports. As desired for spares.
	SG-P2D	Stratagy 2-port (Duet) voice board.	As desired for spares.
	SG-P4Q	Stratagy 4-port (Quartet) voice board.	As desired for spares.
Disk Drives	SG-HD33	Stratagy Disk Drive - 33 Hours of storage.	As desired for spares. Does not include system software.
	SG-FDD	Stratagy floppy-disk drive 3.5".	As desired for spares.
SAM	SG-SAM-6	Stratagy Activation Module (SAM).	Required for system operation.
Miscellaneous	SG-KEYB	Stratagy keyboard.	As desired for spares.
	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.
Software	SG-6S2.0	Stratagy 6 system software version 2.xx. Floppy disk set (2).	Required to support one or multiple Stratagy 6 or Stratagy 6 Lite system(s).
	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.
	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.
	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.
	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.