

TOSHIBA

Toshiba e-STUDIO 1101
Toshiba e-STUDIO 1351
110ppm & 135ppm / digital



Sum-up: High-end multifunctional family that includes one of the fastest office engines in the business.

These machines are enhanced versions of earlier copier platforms with some nice improvements over their predecessors. These models use a controller technology that provides advanced print and scan multifunctionality. Above all, they include a very fast 135ppm version, the fastest current machine in the general office copier market.

They feature an improved touchscreen display panel with more readable type and the ability to program multi-step processes into a single icon. They also offer enhanced security features including an optional data overwrite kit for the hard disk and a feature that helps control unauthorized copies.

Overview: The e-STUDIO 1101 and e-STUDIO 1351 are identical except for speed; they offer the same list of options and accessories.

The standard 100-sheet-capacity single-pass duplex document feeder scans originals at

80ppm and stores images using 256MB of RAM, expandable to 512MB. There are also two 160GB hard drives. (You probably don't need that much, but it's nice to see copier manufacturers using up-to-date drives.) The processor runs at a speedy 866MHz.

Standard paper capacity is 3,000 sheets, fed from two 500-sheet paper trays and two 1,000-sheet paper trays. A 500-sheet bypass (an unusually large multipurpose tray) can be added for \$1,400. You can add one of two input stackers. One holds a total of 4,550 letter-size sheets and sells for \$4,300. The alternative holds 4,000 sheets up to 13" x 18" in size, and sells for \$8,150.

On the output side, the machines come with three different finishers. There is a 3,000-sheet finisher with a 500-sheet upper tray. It is capable of 100-sheet multiposition stapling and costs \$5,500.

Alternatively, there is a 1,800-sheet booklet maker with saddlestitching for \$7,360. This unit can assemble booklets out of up to 30 ledger-size sheets.

These finishers have a 2/3-hole punch option, which lists at \$875. Toshiba also offers the GBC Streampunch for \$8,995. This high-end punch offers options for a variety of different bindery-oriented punches, including wire, coil, and Velo-Bind. There is also a Z-folder option (\$7,000).

The finishers are compatible with an optional postprocess inserter (cover interposer). The device consists of two trays that hold up to 200 sheets each. This allows you to insert preprinted covers in a document as well as preprinted (but different) chapter inserts, all bypassing the potentially damaging heat of the copier's fuser. The postprocess inserter lists for \$7,000.

Toshiba also offers a third finisher, the "professional booklet finisher." This accessory saddle-stitches booklets from up to 30 sheets of 11" x 17" paper and hold up to



The Toshiba e-STUDIO 1101 offers high speed, excellent paper handling, and strong multifunctionality.

**Editor's
Choice
Reprint**

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2,500 stapled sheets. It has its own folder unit for creating a square-folded edge. It also has its own cover feeder and trimmer as add-ons.

Digital features: The e-STUDIO 1101 and 1351 models have a wide range of digitally enabled features. For example, they offer scan-once/print-many copying, image rotation, image combination, image repeat, and anamorphic (bidirectional) magnification. They also have date-, number-, and message-stamping features.

These models have an optional tandem copying feature called "Connect Copy." This option involves linking two machines to double output rate.

Document Server: These models offer a powerful feature that called Document Server. The Document Server included on the models is the most advanced version of this feature to date. Using the image memory and hard drive already present in the machine, scanned documents can be stored as files on the hard drive for later use. The Document Server functions as an on-demand system for frequently copied items such as forms or manuals, and if the machine is connected to a network, the feature can be used for sophisticated edit functions, including merging hard copy and electronic files. The approximate capacity of the Document Server is 10,000 images, or about 3,000 files.

Toshiba provides a variety of different software utilities which allow you to efficiently manage the scanned images on the Document Server, including the ability to search for files under the user name, file name, or time created. You can also import images from the Document Server to your PC, where they can be dropped into various desktop software applications. If needed, there is an OCR function for changing the images into editable text.

Multifunctional upgrades: To get printing and scanning on these machines, you can buy the printer/scanner kit for \$3,300.

The print function includes PCL 6, RPCS (Refined Printing Command Stream), and Ethernet network connectivity. RPCS is driver software that provides enhanced printing capabilities and uses an advanced icon-based user interface. If

you want the PostScript 3 upgrade, it will cost you another \$2,200.

Optional interfaces for FireWire, Wi-Fi, and Bluetooth are available.

Toshiba also offers a controller manufactured by EFI. That controller gives you a workstation with higher-end job preparation software, supporting variable data printing.

There are a variety of software utilities for managing the scan function. Users are able to scan documents and send them over the network to different recipients and destinations. The function supports JPEG, PDF, TIFF, and a variety of other file formats. The models come with large, brightly lit touchscreen control panels, helping to make programming scan or copy jobs a breeze. Note that color scans are possible, though, of course, you can't output them in color on these machines.

Toshiba also offers a powerful scanning software package called GlobalScan. This option offers a number of advanced features, one of which is LDAP scanning support. It allows you to type in any email address on the display for directing scanned files to other users.

Other features: Like other vendors now, Toshiba keeps expanding its security options, including the ability to erase or encrypt sections on the hard disk. They have improved network authentication capabilities, too. The company also stresses its very good interoperability with UNIX-based systems. Something new is its Trained Customer Replaceable Units, which allow the customer, with a little training, to replace typically worn-out components without waiting for a service call.

Conclusion: These high-speed models are excellent, fully featured copier/multifunctionals. They offer an attractive combination of features, performance, and innovative technology. The high-speed e-STUDIO 1101 and 1351 are especially fine machines and get our Editor's Choice Award.

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