Toshiba e-STUDIO5520c

55 PPM Business Color Device
Copy • Print • Scan • Fax

Features:
- *MSRP: Base unit, $24,999*
- *Maximum monthly duty cycle: 225,000 impressions*
- *Recommended monthly volume: Information not available*
- *New ASICs and eFINE toner*
- *Self-Refresh Development System*

Noteworthy:
- *e-BRIDGE Open Architecture and e-CONNECT support*
- *10.4˝ SVGA color touch-screen LCD with My Menu button*
- *Versatile paper handling via two configurations*
- *Optional "avalanche" system saddle-stitch finisher*
- *Optional EFI Fiery System 8e controller*

TARGET MARKET

With a rated speed of 55 ppm in color and black, the Toshiba e-STUDIO5520c is designed for high-volume demands in medium-size to large departments and workgroups. The unit, which has standard copy, network print and scan, and Internet fax functionality, as well as optional network, PC and walkup fax capabilities, "is one of the newest gems in our color lineup," said Rory Fox, senior product manager for Toshiba Americas Business Solutions. "The e-STUDIO5520c is among the fastest color devices Toshiba has manufactured and is targeted at 'Main Street U.S.A.'—all businesses that want to replace their existing MFP and those that are looking to transition to color. The unit is suitable for general office use where up to 30 percent or more of output is in color, and even more than that in graphic arts environments that employ the optional EFI Fiery System 8e controller, which has genuine Adobe PostScript 3 printing and will be available later this year."

COMPETITORS

Fox listed the e-STUDIO5520c's chief competitors as the Canon Color imageRUNNER C5185i and Ricoh Aficio 5560V, though the latter is meant for both general office use and print on demand. According to BLI's database, the Konica Minolta bizhub C550 and Xerox WorkCentre 7655 are secondary competitors because their color speeds of 45 and 40 ppm, respectively, are much slower than that of the e-STUDIO5520c.

WHAT'S NEW

The e-STUDIO5520c's color engine is the most robust type that the company has ever offered, paving the way for many enhancements over previous Toshiba devices. "With our reworked ASIC algorithms and eFINE toner, text is cleaner, details in graphics and photos are razor sharp, and the color gamut has been extended to render richer blues and redder reds," Fox said. "Plus, our Self-Refresh Development System not only helps maintain consistent, high-level image quality, but it improves service too." Upon installation developer, which is 11 percent of what's in toner cartridges, is added to the system; then, because developer is always being fed with toner, technicians never have to replenish the system during preventive maintenance visits and service calls. The e-STUDIO5520c has a larger-capacity waste toner bottle, as well as easy replaceable units to further reduce downtime and make technicians' jobs simpler.

Toshiba has also improved operability thanks to a newly designed 10.4" super VGA control panel that includes a color touchscreen LCD with tab browsing. "Ease of use will be boosted because of the My Menu button, which displays a customized screen for each authenticated user," Fox said, adding that there's now a hard key for the print function and a scan preview. Furthermore, the control panel tilts and swivels, and the paper drawers, which now have sensors, are more ergonomically designed.

Another key attribute of the unit, albeit an option, is the "avalanche" system saddle-stitch finisher. As booklets are created and the first tray gets full, they slide down, allowing more sets to be collected; so rather than having an output capacity of 30 booklets, this finisher, which has an output capacity of 3,250 sheets and can staple up to 50 sheets in three positions, can hold 50.

Perhaps the most noteworthy new feature of the e-STUDIO5520c is e-BRIDGE Open Architecture and e-CONNECT support. The former, which is tentatively scheduled to have connectors to enable bi-directional communication, will allow for the seamless integration of Toshiba and third-party software, while the latter will be available at launch and provides for metadata routing of jobs to interface with solutions such as Toshiba e-BRIDGE Re-Rite.

Other enhancements include outside erase, which eliminates black borders when copying books; banner mode printing on up to 47" media, including on the company's "virtually indestructible" AquaAce paper, via the bypass tray; a scan speed of up to 77 ppm in color and black; more rapid creation of high-compression PDFs; standard scan to/print from USB function; and a more energy-efficient fuser system.

FEATURES

The unit comes with a standard, non-upgradeable 2 GB of RAM and 80-GB hard drive, both of which are shared between the copier and printer. The standard RADF holds up to 100 sheets. PCL 6 and PostScript 3 drivers are standard, with a true resolution of 1200 x 1200 dpi (no enhanced resolution). Users can scan at several resolutions to e-mail, network folders via SMB, e-FILING (hard drive) and USB, in JPEG, PDF, TIFF and XPS formats; TWAIN scanning is also supported. Optional fax features include a 33.6-Kbps modem and memory for up to 100 jobs.

SECURITY & REGULATORY COMPLIANCE

There are a bevy of standard security measures for the e-STUDIO5520c: private print and network user authentication, IP and MAC address filtering, IPv6 support, 128-bit hard drive encryption and secure PDF scanning, and up to 1,000 department and 10,000 user codes to specify accessible functions and limit color and monochrome usage. Additionally, an optional data overwrite kit completely overwrites all data on the hard drive after every job. The job log feature tracks copy, print, scan and fax jobs, including information on user, date, time, number of pages, and type of paper and job.

The unit complies with numerous agencies' regulations such as RoHS and WEE, and is ENERGY STAR qualified. The control panel tilts, contributing to Section 508 compliance.

OPTIONS

There's one additional optional finisher along with the aforementioned saddle-stitch finisher. It too has an output capacity of 3,250 sheets and can staple up to 50 sheets in three different positions. Both varieties can be outfitted with an optional two-/three-hole punch unit. A wireless LAN and Bluetooth adapter are also available as options.

CONFIGURATIONS

The difference between the two configurations of the e-STUDIO5520c that Toshiba offers comes down to paper capacity and handling ability. The tandem version has a standard and maximum capacity of 3,500 and 6,000 sheets, respectively, while the four-drawer version's capacities are 2,260 and 4,760 sheets. However, customers who require more ledger-size output will probably choose the latter, as all four drawers can accommodate ledger-size paper; only two drawers on the tandem version can accommodate this media. Both the 2,320-sheet large-capacity feeder (LCF) for the tandem version and the 2,500-sheet optional LCF accommodates only letter-size paper. All drawers and LCFs can handle up to 140-lb. index; the standard 100-sheet bypass can handle up to 110-lb. cover stock and 13" x 19" media. Finally, users can open the left tray of the standard LCF on the tandem version while paper is being drawn from the right.

Software and Solutions

Toshiba software includes e-BRIDGE Re-Rite, which allows users to convert documents into a wide range of editable formats and then distribute those files to an e-mail address, network folder or both; e-BRIDGE Re-Search, which tags files using metadata and is the company's answer to the myriad problems associated with eDiscovery; and SMARTCard functionality, an advanced security authentication measure that allows administrators to create profiles with the use of a personal ID card so that users can only access certain functions (HID iCLASS and MIFARE Classic cards are also supported). Third-party solutions include eCopy ScanStation, which enables users to scan documents directly into the workflow of critical business applications; Microsoft SharePoint, which is a document collaboration and management tool; and RingDale FollowMe, which holds documents in a queue until they're released via a password or ID card swipe. Administrative utilities include TopAccess, which is an embedded Web utility that enables administrators to access device status and configuration settings remotely from their PCs; and DocMon, which allows administrators and users to view status of the unit or jobs from their desktop and be alerted when errors occur.