

**e-STUDIO4520c series**

**The Difference is Color.**  
**THE SPEED IS BUSINESS.**



**TOSHIBA**  
Leading Innovation >>>

**e-STUDIO™ 4520c Series**

# The Power of Color at the Speed of Business

The Toshiba e-STUDIO4520c series multifunction color systems aren't just multifunction.

They're business tools. Powerful business tools. Business tools that can make a visible difference in the way your business looks, communicates, and succeeds.

Color communicates, analyzes, clarifies, and impresses. Now color is fast, economical, and easy-to-use with Toshiba's e-STUDIO4520c series multifunction color systems.

**Use them to your advantage.**



## Color That Means Business

Getting color used to be a trade-off. Not any more.

With the Toshiba e-STUDIO4520c series multifunction color systems, you get high-speed, high-quality halftones and uncompromising color quality.

### Beautiful color. Accurate color. Color that means business.

Toshiba color is color without compromise, thanks to innovations such as our patented e-Fine processors, microfine toner, and new developer. Our new four-drum laser process uses a patented intermediate transfer belt that helps create color without compromise.

In today's business environment, color isn't a luxury. It's a necessity.



### Make your device even more productive

Convert scanned documents into 17 file types with the touch of a button.

The instant Optical Character Recognition (OCR) feature transforms documents into easily-editable file formats including .doc, .html, .pdf, and more. This innovative technology automatically performs OCR and file conversions on the fly. Images can then be sent to your network drives or e-mail.



## efi | Fiery System 8e

SERVER & CONTROLLER SOLUTIONS

For outstanding performance, seamless network integration, and unrivaled color quality in a variety of print environments, count on the Fiery System 8e Embedded Controller as a powerful document workflow solution for any task.



Watch your productivity skyrocket with the optional EFI Fiery System 8e Controller.



### Next-Generation e-BRIDGE Architecture

The e-STUDIO4520C series come with Toshiba's proprietary e-BRIDGE architecture. This innovative all-in-one hardware design allows the devices to share system resources, making image processing more efficient. As a result, users complete more tasks faster.

copy  
scan  
fax  
print  
network  
internet fax  
unified interface

# 4520c

# No Waiting in This Line

**Business won't wait. And there won't be any delays with the e-STUDIO4520c series multifunction systems.**

These are business tools built for speed. They print at up to 45 pages-per-minute. They scan your original documents at 57 pages-per-minute.

Turn that speed into even greater productivity by choosing finishing options that let you complete your job in-house, in seconds. Two console finishers offer multiposition stapling and optional hole punch capability.

Choose the 50-sheet stapling "hanging" finisher for convenience and economy.

USB



USB scan and print capabilities



## eCopy ScanStation

**Flexible, rapid solutions for paper-to-digital business integration.**

eCopy ScanStation document imaging and distribution software transforms your Toshiba MFP into a full-featured information center. It integrates hardcopy documents directly into the workflow of critical business processes.



## Color That's Easy

The new Toshiba e-STUDIO4520c multifunction color systems don't just make color fast. They make it easy.

Step up to a bright, bold, 8.5-inch WVGA customizable touch-screen control panel that's designed to work the way people think — visually, contextually, interactively. The tilting control panel optimizes visibility, text is large and easy-to-read, and graphics let users easily see what they're doing.

**Scanning and color duplication is now faster and easier.**

Maintenance is also faster, easier, and better. It's that way by design. Toshiba's unique easy-to-replace consumable units can be swapped out in seconds, making servicing quick and easy.



User-friendly touch-screen interface

## TOUCH-SCREEN

## Color That's Secure and Well Connected

Not all business is everybody's business, and you can be assured of keeping it that way with the security features of Toshiba's e-STUDIO4520c multifunction series.

You can create a highly secure environment, protected by not just department and user codes, but by multiple levels of security. The e-STUDIO4250c series features standard AES hard disk encryption, 802.1X network authentication, IPsec, and SNMPv3. Additional security features include secure PDF scanning, IPv6 support, and an optional Data Overwrite Kit.

Connectivity increases throughput, communication, and productivity, which is why connectivity is extensive and accessible on e-STUDIO4520c series devices. Input paper documents

directly to the e-STUDIO4520c series and connect securely from your network (using the Ethernet 100BaseT) for efficient upload and printing of digital originals, or transfer files via USB flash drive. Portability and versatility are built-in features of the e-STUDIO4520c multifunction systems.

Toshiba's Open Architecture Platform is a gateway to software solutions that enhance productivity, security, and document management.

**Connectivity. All part of the plan with the e-STUDIO4520c series.**

### Flexible Paper Capacity

Sure, the e-STUDIO4520C series can handle color, but what about paper? These devices come standard with two 550-sheet universal cassettes and a 100-sheet bypass tray. You also have the option of adding two additional 550-sheet cassettes, or a 2,500-sheet tandem large-capacity feeder for a maximum paper capacity of 3,700 sheets from up to five different paper sources.



secureMFP



# 4520c

## Color That's High Value

The bottom line measure of success is return on investment.

Toshiba's e-STUDIO4520c series multifunction color systems give you the richest color and the best Return On Investment (ROI). They do it by being quick in input, throughput, communication and less costly to operate. The e-STUDIO4520c is easy to use, versatile, and secure. It all adds up to a higher value and greater ROI.

The Toshiba e-STUDIO4520c series multifunction color series — business tools.

# RETURN ON INVESTMENT

The Easily Replaceable Units (ERU) design saves money on service costs and maximizes uptime

Standard hard-disk AES encryption for added data security

Set permissions for color printing and copying either by department or individually to track and manage costs

Tilting, color, WVGA control panel is Section 508 compliant and increases visibility, making the devices easier to use and more accessible

Print from and scan to USB flash drives

A Stackless Automatic Duplexing Unit (ADU) comes standard, helping to reduce paper costs by easily handling two-sided originals

Bypass Tray handles up to 100 lb. cover and up to 12"x 47"

The devices can handle up to 3,700 sheets of paper from up to five sources



Professional document finishing, including stapling, hole punching, and saddle-stitching

Compact design with inner exit tray saves valuable space

Single-pass, intermediate transfer belt

Automatic Duplexing supports up to 140 lb. index paper from the cassettes



## Good for You, Good for the Earth

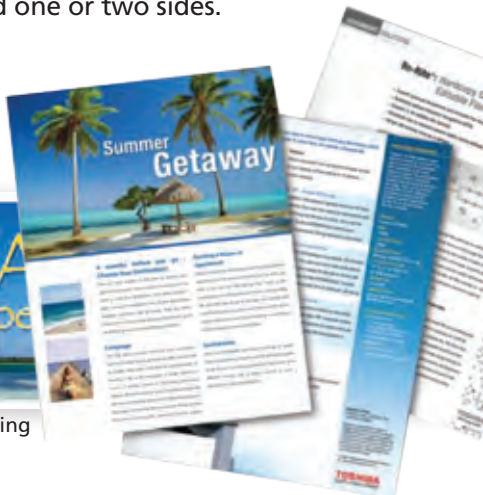
Toshiba is committed to making the world a better place by scaling down the use of chemicals that are harmful to the environment. Which is why 100% of the base materials of our printed circuit boards contain no halogen, and more than 70% of the printed circuit board is constructed using lead-free solder. Additionally, the e-STUDIO4520c series systems are Energy Star compliant and offers energy saver and sleep modes to reduce power consumption when not in use.



### The Laminated Paper That Doesn't Need to be Laminated.

Print directly on Toshiba's revolutionary new laser paper for the look and feel of a laminated sheet. Produce magnificent color prints that are extremely durable. AquaAce prints resist water, smudging, and fading—even in harsh weather and direct sunlight.

AquaAce specialty paper is available in four sizes: letter, legal, ledger, and banner, coated one or two sides.



TROPICAL  
Vacation Escape

12" x 47" banner printing

## The e-STUDIO4520c Series at a Glance

### Copy Features

- Single-pass, four-drum, tandem color engine
- Print speeds up to 45 PPM for black and white and color
- 600 x 600 dpi resolution
- First Copy Out Time: e-STUDIO2830c / e-STUDIO3530c  
8.4 seconds color / 6.5 seconds black and white  
e-STUDIO4520c – 6.8 seconds color / 5.2 seconds black and white
- 99 second warm-up time (e-STUDIO4520c: 160 seconds)
- Preventive Maintenance 56K, 70K, 70K
- Color image quality optimized for general office and professional graphics
- Section 508 compliant, large, tilting color touch-screen control panel
- Environmentally friendly, Energy Star compliant
- Easily Replaceable Units (ERU)

### Printer Features

- PS3, PCL6, XPS
- 10/100BaseT Ethernet interface
- IEEE 802.11b/g wireless printing
- Point and print
- Private, proof, scheduled, and stored print
- New unified Toshiba print driver
- Windows Vista® Premium (XPS) Certified
- Print directly from USB flash drives

### Fax Features

- Super Group 3, 33.6 Kbps
- JBIG compression
- Optional second line
- Internet faxing (T.37)
- Incoming fax routing: send-to-file/e-mail

### Scan Features

- Scan speeds up to 57 SPM black and white and color
- 600 dpi black and white and color resolution
- JPEG, TIFF, PDF, and XPS file formats
- Scan-to-file/e-mail/FTP
- Control panel LDAP support
- Unified address book
- Scans directly to USB flash drives (supports most common USB drives)

# e-STUDIO4520c series SPECIFICATIONS

The Toshiba e-STUDIO4520c series are powerful, multifunction color copiers that combine the performance of a multifunction system with the quality of a professional graphics solution. Outstanding speed, performance, and professional-quality color as well as detailed text and graphics can be yours – every day, all the time. Thanks to Toshiba's proprietary print technology, the e-STUDIO4520c series devices are the ideal, most cost-effective graphic/business solution for the busiest offices.

The Difference is  
**COLOR.**



Full-color output is produced at 28/35/45 PPM, with 35/45/45 PPM for black and white.



For the ultimate in flexibility — Print and scan, print and fax, even copy and scan — all at the same time.



Toshiba's easily replaceable unit (ERU) technology maximizes your MFP's uptime resulting in a lower cost of ownership.

## SPECIFICATIONS

<b>Copying Process</b>	4-Drum Electrostatic Photographic Transfer System with Internal Transfer Belt
<b>Copying Type</b>	4-Beam Color Laser (8-bit)
<b>Copy/Print Resolution</b>	600 x 600 dpi (2,400 x 600 dpi B&W)
<b>Copy/Print Speed</b>	e-STUDIO2830c – 28 PPM Color / 35 PPM B&W e-STUDIO3530c – 35 PPM Color / 45 PPM B&W e-STUDIO4520c – 45 PPM Color / 45 PPM B&W
<b>Warm-Up Time</b>	Approx. 99 Seconds (4520c – 160 Seconds)
<b>First Copy Out Time</b>	e-STUDIO2830c – 8.4 Seconds Color / 6.5 Seconds B&W e-STUDIO3530c – 8.4 Seconds Color / 6.5 Seconds B&W e-STUDIO4520c – 6.8 Seconds Color / 5.2 Seconds B&W
<b>Duty Cycle</b>	56K, 70K, 70K
<b>Multiple Copying</b>	Up to 999 Copies
<b>Acceptable Paper Size and Weight</b>	Cassette: ST-R to LD (17 lb. Bond - 140 lb. Index) Bypass: ST-R to 12" x 47" (17 lb. Bond - 100 lb. Cover) PPF: ST-R to LD (17 lb. Bond - 140 lb. Index) LCF: LT (17 lb. - 28 lb. Bond)
<b>Memory (Max)</b>	Main Memory: 1 GB Page Memory: 512 MB HD: 80+ GB
<b>Reduction/Enlargement</b>	25% to 400%
<b>Bypass</b>	100-Sheet "Smart" Bypass (17 lb. Bond - 100 lb. Cover)
<b>Control Panel</b>	Color 8.5" WVGA Tilttable LCD Touch Panel
<b>Paper Supply</b>	Up to 3,700-Sheet Input Capacity Standard: 2 x 550-Sheet Cassettes 100-Sheet Bypass Optional: 1 x 550-Sheet PPF, 1 x 550-Sheet Cassette 1 x 2,500-Sheet LCF
<b>Duplex</b>	Standard Trayless Automatic Duplex Unit (17 lb. Bond - 140 lb. Index)
<b>Dimensions</b>	Approx. 30" x 28" x 29" (W x D x H)
<b>Weight</b>	Approx. 267 lb.
<b>Minimum Footprint Requirement</b>	39.53" x 28.31" (W x D)
<b>PM Cycle</b>	56K, 70K, 70K
<b>Drum Type/Yield</b>	Organic Photoconductor: 56,000/70,000/70,000
<b>CMYK Toner Yield</b>	CMY: 24,000/K: 29,000
<b>Black Developer Yield</b>	56,000/70,000/70,000
<b>Power Supply</b>	115 V, 15 Amps
<b>Power Consumption</b>	Maximum 1.5 kW

## PRINT SPECIFICATIONS

<b>PDL Support</b>	PCL6 and PostScript 3
<b>Operating Systems</b>	Netware 6.x, Microsoft Windows 2000/XP, Windows Server 2003, Citrix MetaFrame, Macintosh, Linux, UNIX
<b>Protocol Support</b>	IPX/SPX, TCP/IP, EtherTalk, AppleTalk, NetBIOS Over TCP/IP, LPR/LPD, IPP, SMB, SNMP, Netware, Port 9100, Bluetooth (HCRP)
<b>Drivers</b>	Windows 2000, Server 2003, XP Macintosh 10.1/10.2/10.3/10.4/10.5 UNIX, AS400 via iData & Port 9100, SAP R/3
<b>Connectivity</b>	10BaseT/100BaseTX Ethernet, 802.11b/g Wireless LAN, USB, Bluetooth (HCRP)
<b>Device Management</b>	TopAccess
<b>Certification</b>	WHQL, Novell

## SCAN

<b>Scan Resolution</b>	100 dpi, 150 dpi, 200 dpi, 300 dpi, 400 dpi, 600 dpi
<b>Scan Speed</b>	57 SPM Color / 57 SPM B&W (@ 600 dpi)
<b>File Format</b>	TIFF, PDF, Secure PDF, Slim PDF, JPEG, XPS
<b>Authentication</b>	LDAP, SMTP, Windows Domain

## FACSIMILE SPECIFICATIONS

<b>Compatibility</b>	Super G3
<b>Data Compression</b>	MH/MR/MMR/JBIG
<b>Transmission Speed</b>	Approx. 3 Seconds Per Page
<b>Fax Modem Speed</b>	33.6 Kbps
<b>Memory Transmission</b>	100 Jobs, 1,000 Destinations Max. 400 Destinations/Job
<b>Scan Speed</b>	.7 Seconds Per Page, 55 SPM

## e-FILING SPECIFICATIONS

<b>Operation Method</b>	Color Touch Screen Control Panel or Client PC
<b>Number of Boxes</b>	1 Public Box, 200 Private User Boxes
<b>Capacity of Boxes</b>	100 Folders Per Box, 400 Documents Per Folder 200 Pages Per Document

## OPTIONS

<b>MR3018</b>	<b>RADF</b>	100 Sheets
<b>KD1023</b>	<b>Paper Feed Pedestal</b>	550-Sheet Pedestal, Statement-R to Ledger
<b>MY1032</b>	<b>Cassette Module</b>	550-Sheet Drawer, Statement-R to Ledger
<b>KD1024</b>	<b>Large Capacity Feeder (LCF)</b>	2,500-Sheet Drawer, Letter
<b>MJ1101</b>	<b>Multi-Position Finisher</b>	Stationary Tray: 250 Sheets (Lt) Tray 1 Stack Capacity: 2,000 Sheets (Lt) Staple Capacity: 50 Sheets
<b>MJ1030</b>	<b>Saddle-Stitch Finisher</b>	Tray 1 Stack Capacity: 1,000 Sheets (Lt) Tray 2 Stack Capacity: 1,000 Sheets (Lt) Staple Capacity: 50 Sheets 60 Pages (15 Sheets) SS Booklets
<b>MJ1031</b>	<b>Hanging Finisher</b>	1 Tray: 1,000 Sheets (Lt) Staple Capacity: 50 Sheets
<b>MJ6101</b>	<b>Multi-Position Hole Punch Unit</b>	(for MJ1101)
<b>MJ6004</b>	<b>Multi-Position Hole Punch Unit</b>	(for MJ1030)
<b>KN4520</b>	<b>Bridge Kit</b>	Required with MJ1101, MJ1030, MJ1031
<b>GA1211</b>	<b>EFI Controller</b>	(not available at launch)
<b>GD1250</b>	<b>Fax Board</b>	
<b>GD1260</b>	<b>2nd Line Fax</b>	
<b>GN1050</b>	<b>Wireless LAN Adapter</b>	
<b>GN2010</b>	<b>Bluetooth Adapter</b>	
<b>GN3010</b>	<b>Wireless Antenna</b>	
<b>GP1070</b>	<b>Data Overwrite Kit</b>	
<b>GS1010</b>	<b>Meta Scan Enabler</b>	
<b>GP1080</b>	<b>IPsec Enabler</b>	
<b>KP2004</b>	<b>HID Card Reader</b>	
<b>KP2005</b>	<b>Mifare Card Reader</b>	
<b>STAND4520</b>	<b>Stand</b>	



Corporate Office: 2 Musick, Irvine, CA 92618-1631 / Tel: 949-462-6000  
 East Coast: 959 Route 46 East, 5th Floor, Parsippany, NJ 07054 / Tel: 973-316-2700 Fax: 973-263-2393  
 Midwest: 8770 W. Bryn Mawr Ave., Suite 700, Chicago IL 60631 / Tel: 773-380-6000 Fax: 773-380-8077  
 South: 4855 Peachtree Industrial Blvd., Suite 210, Norcross, GA 30092 / Tel: 770-209-8540 Fax: 770-209-8556  
 West Coast: 142 Technology, Suite 150, Irvine, CA 92618 / Tel: 949-462-6262 Fax: 949-462-2700  
 Web Site: copiers.toshiba.com

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 e-STUDIO4520c Brochure/Inv. Code ES4520c1

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