

**e-STUDIO™ 4505AC**

**e-STUDIO™ 5005AC**

- > Color Multifunction Printer
- > Up to 50 PPM
- > Medium/Large Workgroup
- > Copy, Print, Scan, Fax
- > Secure MFP
- > Solutions Ready



# CONNECT. INTEGRATE. SIMPLIFY.

## Technology for every office, delivering advanced functionality, ease of use and peace of mind.

Every industry has unique workflow needs. Toshiba has developed customizable MFPs to make your job easier. Intuitive and smartly integrated, our products simplify complex tasks and give you control while providing the reliability Toshiba is known for.

Toshiba's latest series delivers on our promise of Together Information – our commitment to collaborate with clients in order to provide tailored, cost-effective solutions that meet your print, document management and content needs while helping you meet your green objectives.

- > 45 & 50 PPM
- > High-resolution color
- > High-volume black & white
- > Advanced e-BRIDGE Next technology
- > Fast dual-core processor

## Toshiba's latest e-BRIDGE Next controller delivers exceptional color quality.

Don't restrict yourself to black and white when you can print with impactful color. Not just any color, either. It's Toshiba's new, multi-beam laser color with higher resolution for top-notch image quality.

- > 1,200 dpi x 1,200 dpi (PostScript 3) for exceptional laser quality
- > The Toshiba e-BRIDGE Color Profile Tool allows for the creation of profiles to adjust color for varying media types, lighting or even to match Pantone colors, unique spot colors or output from another device
- > 256 gradations for smooth transitions in photographs and illustrations
- > Auto-calibration ensures consistency of color across small and large print jobs

## Simple, smart and stylish.

A new 9" tablet-style touch screen with an embedded web browser is easy to use and customizable to meet your needs. And, it is part of the bold new look being introduced across the e-STUDIO series.



# SMALL FOOTPRINT, BIG BUSINESS.

Even with a relatively small footprint, the e-STUDIO4505AC/5005AC is packed with industry-leading technology and innovations designed to help workgroups connect, integrate and simplify.

**Dual-Scan Document Feeder** holds an amazing 300 originals and boasts an impressive 240 images per minute (IPM) by scanning both sides of the page in a single pass.

**Multi-Station Print Enabler** allows you to retrieve your print job from a series of networked MFPs via simple authentication.

**Print Around** eliminates printing bottlenecks by allowing other print jobs to go around one job that's held-up due to requiring a specific paper size or type or, in some cases, even colored toner.

**Limitless Job Reservation** will queue up multiple copy or print jobs so users can send jobs whenever.

**Embedded Optical Character Recognition (OCR)** simplifies the creation of searchable PDFs or editable document formats such as Microsoft Word®.

**Exclusive AquaAce Media** water and tear resistant media up to 12" x 47" banner size.

**Saddle/Fold Capabilities** offer saddle-stitch finishing and the option to fold without stapling.

**12" x 18" Cassette** provides the ability to print stunning 11" x 17" color bleeds on 12" x 18" paper.

**Scan-to and Print-from USB** lets you print straight from your USB drive or scan documents to it.

**Notifications Feature** takes the hassle out of checking for depleted supplies or maintenance needs.

**Paper Volume Indicators** on the front panel make it easy to see the paper sizes, types and levels in each cassette.

**Context-Sensitive Help Button** provides instant, thorough explanations straight from the manual to help as needed.

**Service Module Design** significantly reduces the cost and time spent servicing the MFP.





# TOSHIBA TECHNOLOGY NEVER LOOKED BETTER.

Keeping medium to large workgroups in mind, the e-STUDIO4505AC/5005AC is easily integrated, customizable and solutions ready, with an open platform.

Flexible integration with third-party solutions applications, an embedded web browser brings the workflow to one location, at your fingertips.

Toshiba's exclusive e-BRIDGE Print & Capture application enables mobile device users to take advantage of the broad feature set when they're in the office and on the go.

A universal driver along with PCL 6, PS3, and XPS support provide fast and easy connectivity to Windows®, Macintosh® and more.

The universal print driver works for all users. Tandem print comes standard, and you can choose from a variety of time-saving, function-adding plug-ins that enable productivity from the driver. For instance:

- > Job Point—quickly split up large jobs with up to 10 Toshiba MFPs
- > Job Replicator—use multi-part form replacement (3 prints)
- > Job Separator—perform batch printing easily using any Windows app
- > Job Build—conveniently print different document types all together as a single job

## Tight Security

Along with all of the new and innovative Toshiba technologies, we keep the security of your business top of mind.

- > A 320GB Self-Encrypting Drive (SED) with Automatic Drive Invalidation (ADI) & Data Overwrite capability provides top level security
- > FIPS 140-2 Validated SED meets and exceeds government requirements
- > IPsec is available to securely encrypt data sent to and from the MFP

## Environmental Protection

Innovation that is truly innovative makes certain that our environment is part of the equation, which is precisely what we do here at Toshiba.

- > RoHS compliance, the use of recycled plastics, and Low-Power (0.6W) Super Sleep Mode work to help the environment
- > EPEAT Gold Registered in the global registry for greener electronics, designed to help purchasers choose products that reduce environmental impact
- > Energy Star V2.0 meets the latest, more stringent requirements



# FEATURES, BENEFITS, AND THE WOW FACTOR.

## 1 Document Feeder Options

MR4000	Dual-Scan Document Feeder (DSDF)
MR3031	Reversing Automatic Document Feeder (RADF)
KA5005PC	Platen Cover

## 2 Accessory Tray & Options

GR1250	Accessory Tray
GR9000	Bluetooth Keyboard
GR1260	10-Key Numeric Keypad

## 3 Finishing Options

MJ1042	50-Sheet Inner Finisher
MJ1109	50-Sheet Console Finisher
MJ1110	50-Sheet Saddle-Stitch Finisher
MJ5015	Job Separator

## 4 Additional Paper Options

KD1058	Paper Feed Pedestal
KD1059LT	2,000-Sheet Large Capacity Feeder
MY1048	Additional Drawer Module for PFP
MY1049	Envelope Cassette



## Additional Option Highlights

- > Embedded OCR Enabler
- > Multi-Station Print Enabler
- > Wireless LAN/Bluetooth
- > IPsec Security Enabler
- > Single & Dual-Line Facsimile
- > Hidden Card Reader Pocket
- > Expansive Third-Party Solutions List

The Toshiba e-STUDIO4505AC/5005AC can increase the efficiency of your workgroups, improve the professionalism of your presentations, and streamline the workflow of your organization. And, that's just for starters.

## Double the Scan Speed

A 300-sheet high-speed, high-capacity Dual-Scan Document Feeder (DSDF) produces up to 120 IPM simplex and 240 IPM duplex. A conventional RADF is available for less scan-intensive businesses.

## Envelopes—the Perfect Fit

A special envelope cassette is available to hold up to 60 envelopes, making sure each one is fed and printed in the same place, every time.

## Volumes and Volumes

A high monthly copy volume is up to 210,000 for monochrome and 105,000 for color printing. Toner yields are 33,600 CMY and 38,400 K (at 5%) respectively.

## Multi-Station Print Enabler

Toshiba's internally developed Multi-Station Print Enabler allows users to send print jobs from their desktop and retrieve them at any convenient MFP by simply swiping their badge and authenticating at that device.

## Advanced e-BRIDGE Next Technology

Built on Linux®, this latest generation e-BRIDGE Next architecture features an Embedded Web Browser, a fast dual-core processor, 4GB RAM and a 320GB FIPS 140-2 Validated SED enabling the MFP to easily drive Toshiba's internally developed solutions or even third-party applications.

# e-STUDIO™ 4505Ac/5005Ac

## Main Specifications

<b>Copy System</b>	Indirect Electrostatic Photographic Method/OPC/Laser Printing/ Heat Roller Fusing
<b>Display</b>	9" Color WVGA Touch Screen Tilting Display
<b>Copy Speed</b>	45/50 PPM (LT)
<b>First Copy Out</b>	Color: 5.7/5.7 Monochrome: 4.4/4.4
<b>Warm-Up Time</b>	Approx. 20 Seconds
<b>Copy Resolution</b>	600 x 600 dpi
<b>Stack Feed Bypass</b>	3.9" x 5.8" to 12" x 18", 12" x 47" Banner, Envelope
<b>Multiple Copying</b>	Up to 999 Copies
<b>Paper Capacity</b>	Standard 1,200 Sheets/Max. 3,200 Sheets
<b>Original Feed</b>	Optional 300-Sheet DSDf or 100-Sheet RADF
<b>Scan Speed &amp; Weights</b>	DSDf Scan: Up to 240 IPM Duplex, 120 IPM Simplex (Monochrome or Color), Simplex: 9.3-110 lb Bond, Duplex: 9.3-110 lb Bond RADF Scan: Up to 73 IPM (Monochrome or Color), Simplex: 9.3-41.8 lb Bond, Duplex: 13.3-41.8 lb Bond
<b>Max. Original Size</b>	LD
<b>Paper Feed Sizes</b>	Drawer 1: 550 Sheets-ST-R to LD Drawer 2: 550 Sheets-ST-R to 12" x 18" Stack Feed Bypass: 100 Sheets-3.9" x 5.8" to 12" x 18", 12" x 47" Banner Opt. 550-Sheet Paper Feed Pedestal-ST-R to 12" x 18" Opt. 550-Sheet Drawer for PFP-ST-R to 12" x 18" Opt. Envelope Cassette for PFP-Approx. 60 Envelopes/550 Sheets-ST-R to LG Opt. 2,000-Sheet Tandem LCF (Pedestal Type)-LT Only Standard: 550 Sheets x 2-16 lb Bond-140 lb Index Stack Feed Bypass: 100 Sheets-14 lb Bond-100 lb Cover Opt. 550-Sheet Paper Feed Pedestal-16 lb Bond-140 lb Index Opt. 550 Sheets Drawer for PFP-16 lb Bond-140 lb Index Opt. Envelope Cassette for PFP-16 lb Bond-140 lb Index Opt. 2,000-Sheet Tandem LCF (Pedestal Type)-17 lb-28 lb Bond Standard Automatic Duplex Unit (16 lb Bond-140 lb Index)
<b>Duplex</b>	25% to 400%
<b>Reproduction Ratio</b>	Max. 105K/105K Month (Color: 100%)
<b>Max Duty Cycle</b>	Max. 210K/210K Month (Monochrome: 100%) Approx. 166 lb
<b>Weight</b>	23" (W) x 25.2" (D) x 31" (H)
<b>Approx. Dimensions</b>	CMY: 33.6K, K: 38.4K @ 5%
<b>CMYK Toner Yield</b>	120 Volts, 50/60 Hz, 12 Amps
<b>Power Source</b>	Maximum 1.5kW (120V)
<b>Power Consumption</b>	Intel Atom™ 1.33 GHz (Dual-Core)
<b>CPU</b>	4GB
<b>Memory</b>	320GB Self-Encrypting Drive FIPS 140-2 Validated
<b>Hard Disk Drive</b>	

## e-BRIDGE Next Print Specifications

<b>PDL</b>	PCL5e, PCL5c, PCL6 (PCL XL), PS3, PDF, XPS, JPEG
<b>Print Speed</b>	45/50 Pages Per Minute (LT)
<b>Print Resolution</b>	600 x 600 dpi (5 bit), 1,200 x 1,200 dpi (Color/2 bit) or 3,600 x 1,200 dpi (BW/with Smoothing) PS3 Only
<b>Operating Systems</b>	Windows® Vista, Windows Server® 2008/R2, Windows® 7, 8, 8.1, 10, Windows Server® 2012/R2, Macintosh® (Mac OS X 10.6, 10.7, 10.8, 10.9, 10.10, 10.11), Unix®, Linux®
<b>Network Protocols</b>	TCP/IP (IPv4, IPv6), NetBIOS over TCP/IP, IPX/SPX® for Novell® Environments, EtherTalk® for Macintosh Environments
<b>Printing Protocols</b>	SMB, LPR/LPD, IPP (Ver.1.1) w/Authentication, AppleTalk PAP or EtherTalkTM, Port 9100 (bi-directional), NetWare P-SERVER LPD w/ iPrint, WS Print, FTP Windows® Vista SP2 (32-bit, 64-bit), Windows Server® 2008 SP2 (32-bit, 64-bit), Windows Server® 2008 R2 SP1 (64-bit), Windows® 7 SP1 (32-bit, 64-bit), Windows® 8/8.1 (32-bit, 64-bit), Windows Server® 2012/R2 (64-bit), Windows® 10 (32-bit, 64-bit), Mac OS® X 10.6.8, 10.7.4, 10.8, 10.9, 10.10 RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0 (High-speed) Optional 802.11b/g/n, Wireless LAN, Optional Bluetooth
<b>Interface</b>	AirPrint®, Mopria®, e-BRIDGE Print & Capture Application on iOS and Android (Available via Apple App Store or Google Play)
<b>Wireless Device</b>	TopAccess, EFMS 6.2 (e-BRIDGE Fleet Management Software)
<b>Device Management</b>	Up to 10,000 users or 1,000 Departments Supports User Authentication (on Device), Login Name/Password (via Windows domain) or Login Name/ Password (via LDAP Server) for Copy, Print, Scan, Fax, List, and User Function
<b>Account Control</b>	Tilt Front Panel, Job Programs, Universal Grip for Paper Trays, Disable Screen Timeout and Audible Beep Message Alerts
<b>Accessibility Features</b>	



### Security Features

User Authentication, On-Board Data Scramble Function, SCEP, Disable e-Filing, Disable Copy, Disk Overwrite, IP Address Filtering (10 Sets), MAC Address Filtering (10 Sets), Network Service Control, Network Port Control, SMB Packet Signing, SSL (HTTP, IPP, LDAP, SMTP, POP, FTP, DPWS), IPsec (IKEv1, IKEv2), Security Mode Change, CC Certified (ISO/IEC15408 EAL3+), IEEE2600.1, IEEE802.1X, Digital Signature for Client Utilities, Password Policy, Password Lock, Password Expiration, Self Testing, Job Access Control, Log Access Control for Job Log, Security Stamp  
\*Compliant with IEEE2600.1 in High Security Mode.

### Environmental Stds.

Energy Star (V2.0), EPEAT Gold, Blue Angel Mark (RAL UZ-171, MFD), Canadian ECP, Californian Proposition 65, Nordic Swan, RoHS

### Certification

WHQL (Windows 7, 8, 8.1, 10, 2008 R2, 2012, 2012 R2), Novell, Citrix, SAP

## Scan Specifications

<b>Scan Speed</b>	DSDf Scan: Up to 240 IPM Duplex, 120 IPM Simplex (Monochrome or Color) RADF Scan: Up to 73 IPM (Monochrome or Color)
<b>Scan Modes</b>	Standard: Full Color, Auto Color, Monochrome, Grayscale
<b>Scan Resolution</b>	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
<b>File Formats</b>	Monochrome: TIFF-Multi/Single Page, PDF-Multi/Single Page, Searchable PDF (Opt.), XPS-Multi/Single Page, DOCX (Opt.), XLSX (Opt.), PPTX (Opt.) Color/Grayscale: JPEG, TIFF-Multi/Single Page, PDF-Multi/Single Page, Slim PDF, Searchable PDF (Opt.), XPS-Multi/Single Page, DOCX (Opt.), XLSX (Opt.), PPTX (Opt.)
<b>Image Compression</b>	Color/Grayscale: JPEG (High, Middle, Low)

## 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>	Up to 33.6 Kbps
<b>Memory Transmission</b>	100 Jobs (with HDD), 2,000 Destinations Max. 400 Destinations/Job
<b>Scan Speed</b>	0.7 Seconds Per Page, Maximum 73 IPM

## 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/Box, 200 Pages Per Document

## Accessories (Options)

<b>Platen &amp; Document Feeder Options</b>			
DSDf	MR4000	Meta Scan Enabler	GS1010
RADF	MR3031	IPsec Enabler	GP1080
Platen Cover	KA5005PC	Unicode Font Enabler	GS1007
		Embedded OCR Enabler	
<b>Additional Paper Options</b>		Single License	GS1080
Paper Feed Pedestal	KD1058	Five Licenses	GS1085
Drawer Module	MY1048	Multi-Station Print Enabler	
Envelope Cassette Option	MY1049	Single License	GS1090
Large Capacity Feeder	KD1059LT	Five Licenses	GS1095
<b>Finishing Options</b>		Advanced Scanning (ReRite)	GB1280V8
Inner Finisher	MJ1042	SharePoint Connector	GB1440
50-Sheet Staple Finisher	MJ1109	Exchange Connector	GB1450
Saddle-Stitch Finisher	MJ1110	Google Docs Connector	GB1540
Hole Punch Unit for MJ1042	MJ6011	<b>Miscellaneous Options</b>	
Hole Punch Unit for MJ1109/MJ1110	MJ6105	Stand	STAND5005
Bridge Kit	KN5005	Accessible Arm	KK2550
Job Separator	MJ5015	Work Tray	KK5005
		Harness Kit for Coin Controller	GQ1280
<b>Connectivity/Security Options</b>			
FAX Unit/2nd Line for FAX Unit	GD1370		
Wireless LAN/Bluetooth	GN4020		
Hardcopy Security Printing	GP1190A		
Bluetooth Keyboard	GR9000		
Accessory Tray	GR1250		
Panel 10-Key Option	GR1260		
Card Reader Holder	GR1290		

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