

**e-STUDIO4505AC**

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- > Multifunction Laser Printer
- > 45 or 50 pages per minute
- > Up to 12x47" banners
- > Copy, Print, Scan, Fax
- > Beautiful 5-bit colour depth
- > Solutions-Ready Keyboard with Apps



## 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, these products simplify complex tasks and give you control while providing the reliability Toshiba is known for.

Toshiba's latest series delivers on their promise of Together Information – 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 or 50 pages per minute
- High-resolution true 5-bit colour
- 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 colour. And not just any colour, either. It's Toshiba's new, multi-beam laser colour with higher resolution for top-notch image quality.

- 1,200 dpi x 1,200 dpi (PostScript 3) for exceptional laser quality
- Toshiba e-BRIDGE Colour Profile Tool allows for the creation of profiles to adjust colour 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 colour 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-STUDIO 4505AC / 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 when convenient.

**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 small to medium to large workgroups in mind, the e-STUDIO 4505AC / 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 your environment is part of the equation, which is precisely what Toshiba does.

- 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



# GO CONFIGURE, WITH FEATURES & BENEFITS.

## 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-STUDIO2505AC/3005AC/3505AC 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 colour 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.

## Main Specifications

Copy System	Indirect Electrostatic Photographic Method/OPC/Laser Printing/ Heat Roller Fusing
Display	9" Color WVGA Touch Screen Tilting Display
Copy Speed	45/50 PPM (LT)
First Copy Out	Colour: 5.7 seconds Monochrome: 4.4 seconds
Warm-Up Time	Approx. 20 Seconds
Copy Resolution	600 x 600 dpi
Stack Feed Bypass	3.9" x 5.8" to 12" x 18", 12" x 47" Banner, Envelope
Multiple Copying	Up to 999 Copies
Paper Capacity	Standard 1,200 Sheets/Max. 3,200 Sheets
Original Feed	Optional 300-Sheet DSDf or 100-Sheet RADf
Scan Speed & Weights	DSDf Scan: Up to 240 IPM Duplex, 120 IPM Simplex (Monochrome or Colour), Simplex: 9.3-110 lb Bond, Duplex: 9.3-110 lb Bond RADf Scan: Up to 73 IPM (Monochrome or Colour), Simplex: 9.3-41.8 lb Bond, Duplex: 13.3-41.8 lb Bond
Max. Original Size	Ledger (11x17")
Paper Feed Sizes	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-App. 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)
Paper Weights	
Duplex	Standard Automatic Duplex Unit (16 lb Bond-140 lb Index)
Reproduction Ratio	25% to 400%
Max Duty Cycle	Max. 105K Month (Colour: 100%) Max. 210K Month (Monochrome: 100%) Approx. 166 lb
Weight	23" (W) x 25.2" (D) x 31" (H)
Approx. Dimensions	
CMYK Toner Yield	CMY: 33.6K, K: 38.4K @ 5%
Power Source	120 Volts, 50/60 Hz, 12 Amps
Power Consumption	Maximum 1.5kW (120V)
CPU	Intel Atom™ 1.33 GHz (Dual-Core)
Memory	4GB
Hard Disk Drive	320GB Self-Encrypting Drive FIPS 140-2 Validated

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

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

## Facsimile Specifications

Compatibility	Super G3
Data Compression	MH/MR/MMR/JBIG
Transmission Speed	Approx. 3 Seconds Per Page
Fax Modem Speed	Up to 33.6 Kbps
Memory Transmission	100 Jobs (with HDD), 2,000 Destinations Max. 400 Destinations/Job
Scan Speed	0.7 Seconds Per Page, Maximum 73 IPM

## e-Filing Specifications

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

## Accessories (Options)

Platen & Document Feeder Options		Meta Scan Enabler	GS1010
DSDf	MR4000	IPsec Enabler	GP1080
RADf	MR3031	Unicode Font Enabler	GS1007
Platen Cover	KA5005PC	Embedded OCR Enabler	
Additional Paper Options		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
Finishing Options		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	Miscellaneous Options	
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
Connectivity/Security Options			
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		

## e-BRIDGE Next Print Specifications

Print Driver Languages	PCL5e, PCL5c, PCL6 (PCL XL), PS3, PDF, XPS, JPEG
Print Speed	45 or 50 Pages Per Minute (LT)
Print Resolution	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)
Operating Systems	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®
Network Protocols	TCP/IP (IPv4, IPv6), NetBIOS over TCP/IP, IPX/SPX® for Novell® Environments, EtherTalk® for Macintosh Environments
Printing Protocols	SMB, LPR/LPD, IPP (Ver.1.1) w/Authentication, AppleTalk PAP, EtherTalk™, Port 9100 (bi-directional), NetWare P-SERVER LPD w/ iPrint, WS Print, FTP
Print Drivers	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
Interface	RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0 (High-speed) Optional 802.11b/g/n, Wireless LAN, Optional Bluetooth
Wireless Device	AirPrint®, Mopria®, Toshiba e-Bridge Print & Capture App on iOS and Andoid (Available via Apple App Store or Google Play)
Device Management	TopAccess, EFMS 6.2 (e-BRIDGE Fleet Management Software)
Account Control	
Accessibility Features	(on Device), Login Name/Password (via Windows domain) or Login Name/Password (via LDAP Server) for Copy, Print, Scan, Fax, List, and User Function Tilt Front Panel, Job Programs, Universal Grip for Paper Trays, Disable Screen Timeout and Audible Beep Message Alerts



Designs and specifications subject to change without notice. For best results and reliable performance, always use supplies manufactured or designated by Toshiba. Not all options and accessories may be available at the time of product launch. Please contact Steelhead for availability. Toner yields are estimates based on 5% coverage using letter-size page. Driver and connectivity features and support may vary based on the clients network operating system. Product names may be trademarks of their respective companies. This is a Class 1 laser product complying with IEC60825-1.

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