# TOSHIBA

## e-STUDIO™ 389cs/479cs

> Full Color Multifunction Printers

> 40 & 50 PPM

> Letter/Legal Size

> Medium Workgroup

> Copy, Print, Scan, Fax

# PROFESSIONAL COLOR PRODUCTION FROM THE COMFORT OF YOUR OWN OFFICE.

Toshiba's new e-STUDIO389CS and e-STUDIO479CS offer printing at up to 40 and 50 pages per minute respectively*, superior print quality, enhanced security and expertly engineered durability. All of which is powered by a quad-core processor that maximizes performance. With scanning at up to 60 ipm, your information can be quickly captured and made available to you and your network applications.

## Brilliant in-house color you can afford.
> Accurately and affordably match all your brand colors and other color output.
> Produce critical colors with our advanced technology that combines RGB and spot color replacement.
> Design with perfect color matching from the get go combining PANTONE® calibration and embedded color sample pages.

## Impressive speed, functionality and reliability at your fingertips.
> All the power you'll need is built in, thanks to a quad-core processor print controller.
> Even your large color print jobs are completed quickly, with print speeds of up to 40 and 50 ppm, respectively.*
> Minimize wait times by printing a single color page in as little as 6 and 5 seconds, respectively.
> Save even more time by conveniently printing from flash drives, network drives and online servers.
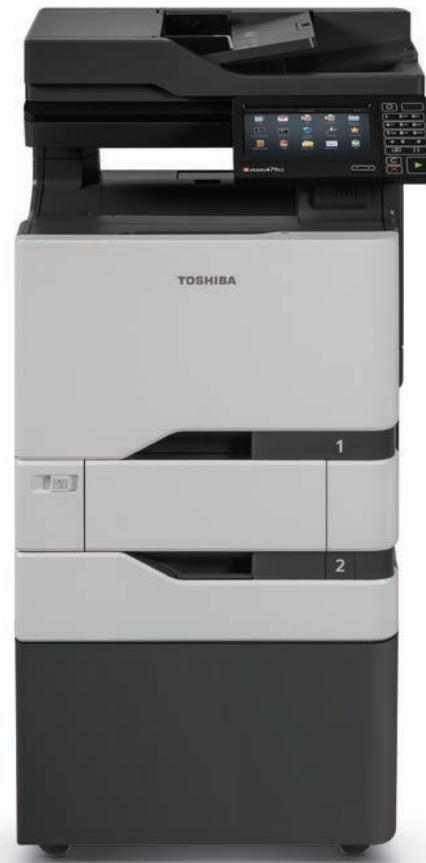
## Now your workflow involves less work.
> Keep things flowing smoothly with digital workflows as well as paper documents.
> Quickly capture and access information directly and from your network applications using scans speeds up to 60 ipm.

## Keep your sensitive data secure.
> Control access to the MFP with full device authentication using convenient, yet secure card readers.
> Port and connection filtering further tighten access.
> 256-bit AES encryption and hard disk wiping keep sensitive print job data secure.
> Digital signatures on firmware updates ensure that only legitimate updates are accepted by the device.

## Save costs and the environment.
> Reduce power usage and costs with multiple power-saving modes. Sleep mode uses less than 3 watts between jobs. Hibernate mode uses less than half a watt during scheduled on/off periods.
> Save even more resources and energy with standard double-sided printing and low-heat fusing toner.
> Be confident you're reducing energy costs with this EPEAT® Silver rated and ENERGY STAR® certified device.



Toshiba e-STUDIO479CS with 7" touch screen interface. Shown with optional 550-sheet tray (Part # KD1070 and STAND478S).

*Print and copy speeds measured in accordance with ISO/IEC 24734 and ISO/IEC 24735 respectively (ESAT).

**Average standard page yield value declared in accordance with ISO/IEC 19752.

# YOUR WISH IS ITS COMMAND, SIMPLE AS THAT.

**User friendly from the get-go.**

› Meet a familiar interface with its tablet-like design and smart-touch technology.

› Access the features you need quickly and easily using its flat menu structure.

› No special training required to use the Embedded Web Server.

› Take advantage of slick, PC-free printing from a thumb drive or network share— whether it's MS Office documents (XLS, PPT, DOC), PDFs or image files.

› Your workday is made even easier with a variety of apps that come standard.



User friendly 7" tablet-style touch screen display.

# e·STUDIO™ 389cs/479cs

## Main Specifications

| | |
|---|---|
| **Copy System** | Indirect Electrostatic Photographic Method/OPC/Laser Printing/ Heat Roller Fusing |
| **Display** | 7" Color TFT Touch Screen Tilting Display |
| **Copy Speed** | 40 PPM/50 PPM (LT) |
| **First Copy Out** | As Fast as 6/5 Seconds Black, 6.5/5.5 Seconds Color |
| **Warm-Up Time** | Approx. 90 Seconds |
| **Copy Resolution** | Up to 600 x 600 dpi |
| **Multipurpose Tray** | 3.0" x 5.0" to LG, Envelope |
| **Multiple Copying** | Up to 999 Copies |
| **Paper Capacity** | Standard 650 Sheets/Max. 2,300 Sheets |
| **Original Feed** | Standard 100-Sheet RADF |
| **Scan Speed** | RADF Scan: 20 IPM (600x600) Photo/Quiet, 40 IPM (600x300) Normal, 60 IPM (600x300) Express |
| **Max. Original Size** | LG |
| **Paper Feed Sizes** | Drawer 1: 550 Sheets - 4.13" x 5.83" to LG |
| | Multipurpose Tray: 100 Sheets - 3.0" x 5.0" to LG |
| | Opt. Drawers: 550 Sheets - 4.13" x 5.83" to LG |
| **Paper Weights** | Drawers: 16lb – 58 lb Bond |
| **Duplex** | Standard Automatic Duplex Unit: 16 – 32 lb Bond |
| **Reproduction Ratio** | 25% to 400% |
| **Max Duty Cycle** | Max. 120K/150K Month |
| **Weight** | Approx. 99 lb |
| **Approx. Dimensions** | 19.9" (W) x 21" (D) x 25.5" (H) |
| **Toner Yield** | 20K, CMY: 13K @ 5% |
| **Power Source** | 120 Volts, 50/60 Hz, 15 Amps |
| **Power Consumption** | Maximum 1.5kW (120V) |
| **CPU** | 1.2GHz (Quad-Core) |
| **Memory, Std./Max.** | 2GB/4GB |
| **Hard Disk Drive** | 320GB HDD (Optional on e-STUDIO389CS) |

## Print Specifications

| | |
|---|---|
| **PDL** | PostScript 3, PCL 6, PCL 5, PPDS, PDF v1.7, XPS, HTML, Direct Image, MS Office |
| **Print Speed** | 40/50 Pages Per Minute (LT) |
| **Print Resolution** | 1200 x 1200 dpi, 600 x 600 dpi |
| **Standard Ports** | Rear USB 2.0 Specification High Speed Certified Port (Type A), Front USB 2.0 Specification High Speed Certified Port (Type A), Gigabit Ethernet (10/100/1000), USB 2.0 Specification High Speed Certified Port (Type B), One Internal Card Slot |
| **Optional Network Ports** | WiFi Option/Internal 1284-B Bidirectional Parallel, Internal RS-232C Serial |
| **Device Management** | Embedded Web Server |
| **Accessibility Features** | Tilt Front Panel, 508 Accessibility Support, Voice Guidance |
| **Security Features** | Role Based Access Controls, Ease of Use for User Access Control, Breach Mitigation, Moving Processes Off of Root (Emulators, Network, Security), Secure Element SmartCard, Protect Encryption Keys for Hard Disk, Protect Device Certificates, Provide True Random Number Generation to Meet Next-Gen FIPS and CC Requirements, Customer-Installable, Option, Unified Integrated Address Book, Common Admin Management for Internal & eSF App Contacts, Configuration via EWS, Supports Device Quotas App, Common Criteria Certification, PKI/SCAC Support, Setup Local Accounts on Operator Panel |
| **Environmental Features** | Sleep & Hibernate Modes, Eco Mode, Quiet Mode, Blue Angel/RAL-UZ-122 Certification, RoHS Compliant Energy Star Certified, EPEAT Silver, Mercury Free, Support for Recycled Paper |
| **Certifications** | WHQL (Windows 7, 8, 8.1, 10, 2008 R2, 2012, 2012 R2), Novell, Citrix, SAP |

## Scan Specifications

| | |
|---|---|
| **Scan Speed** | RADF Scan: 20 IPM (600x600) Photo/Quiet, 40 IPM (600x300) Normal, 60 IPM (600x300) Express |
| **Scan Destinations** | USB Thumbdrive, E-Mail, FTP, Network or USB Connected Computer, Windows Network Folder |
| **Scan Resolution** | 600 dpi (Max) |
| **File Formats** | TIFF, JPG (JPEG), PDF (Regular, Secure, Archival (PDF/A), Searchable (HDD option req'd for e-STUDIO389CS)), XPS |
| **Image Compression** | PDF – 1 bit – JBIG2, CCIT G4, Flate, 8/24 bit – Flate, JPEG TIFF – 1 bit – CCITT G4, 8/24 bit – Packbits, LZW JPG – 8/24 bit – JPEG |

## Facsimile Specifications

| | |
|---|---|
| **Compatibility** | Super G3 |
| **Transmission Speed** | Approx. 3 Seconds Per Page |
| **Fax Modem Speed** | Up to 33.6 Kbps |
| **Fax Shortcuts** | 500 – Based on an Average Shortcut 25 Characters for Name, 10 Characters for Number and 4 Characters for Shortcut Id. Maximum Characters - 512 and Each Location Separated by a Semi Colon. 46 Locations Using a 10-Digit Phone Number, 64 Locations Using a 7-Digit Phone Number |
| **Group Fax** | 400 Locations – Each Number in a Fax Shortcut is a Location |

## Accessories (Options)

| | |
|---|---|
| 550-Sheet Tray | KD1070 |
| 2GB DDR3, G2, 512Mx32, 204 SODIMM | GC1450 |
| 256MB User Flash Memory | GC1430 |
| SATA 500GB HDD (Std. on e-STUDIO479CS) | GE1250 |
| Forms and Bar Code Card | GB2080LXK |
| IPDS Card | GB2100LXK |
| PRESCRIBE Card | GB2090LXK |
| Contact Authentication Device | GB2140LXK |
| Contactless Authentication Device | GB2150LXK |
| MarkNet 8360 Wireless | GN1180 |
| RS-232C Serial Interface Card | GF1260 |
| Parallel 1284-B Interface Card | GF1250 |
| Security Element (Smart Card Feature) | GB2130LXK |
| MFP Stand (13.5" High) | STAND479CS |
| Casterbase (3.5" High) | CASTERBASE479CS |
| Power Filter | PWRFLTR-S1 |

This product includes software developed by the OpenSSL Project for use in the Open SSL Toolkit (http://www.openssl.org/).