

Toshiba's Productive

e-STUDIO45

Is a Scalable Office Productivity Solution

Toshiba's powerful e-STUDIO45 digital copier is a flexible document processing solution that offers a full array of optional fax, scanning, and network printing capabilities. The multifunction e-STUDIO45 maximizes your office productivity with modular add-on features and expandable open architecture designed to grow with your business.

The cost-efficient e-STUDIO45 is ideal for space-limited workgroups and office environments that require a shared, network-compatible system with fully upgradable features. Best of all, you only have to learn to operate one office device to master all your document processing needs.

Toshiba's high performance e-STUDIO45 combines superior image quality, advanced digital features, and custom finishing capabilities in an affordable, compact copier that offers exceptional value and versatility.



Unsurpassed Digital Imaging Quality

The e-STUDIO45 boasts superior image quality unmatched by any copier in its class. Original scans are output at **45 Pages Per Minute** at amazing **2,400 x 600 dpi Resolution** with **Image Smoothing Technology**. A **256-Level Error Diffusion Gray Scale** provides outstanding photographic and graphic reproduction complemented by **Text, Photo, or Text/Photo** scan modes that make your copies look as good as the originals.

The dependable e-STUDIO45, with a rated volume up to **150,000 Copies Per Month**, can easily handle the copy volume demands of most small companies and office workgroups. It features a very competitive **First Copy Out Time of 3.9 Seconds** and a new **Induction Heating Fuser Roller** that contributes to an amazingly fast **30 Second Warm-up Time**.

High-Volume Versatility



The e-STUDIO45 is packed with office productivity features. A flexible **Document Storage** feature permanently stores your important company documents, such as manuals, business forms, and company letterhead, in up to 24 permanent locations that can accommodate up to 400 pages each.* Overall document capacity is enhanced with an ample **32 MB Printer Memory** and a standard **4.3 GB Hard Disk Drive**.

Heavy paperwork volumes are kept in check with two standard **550-Sheet Paper Cassettes** and a choice of either a **550-Sheet Pedestal** plus an optional **550-Sheet Cassette**, or a **2,500-Sheet Large Capacity Feeder**, that yield a voluminous **Total Paper Capacity of 3,700 Sheets**. A standard 100-sheet **Stack Feed "Smart" Bypass** easily accommodates a variety of paper sizes and thicknesses.

Advanced Document Processing

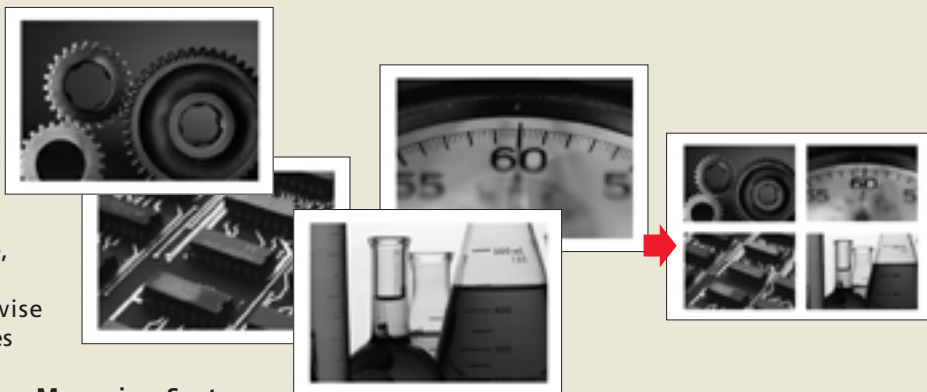
The fast, powerful e-STUDIO45 makes short work of document processing. It features a standard **Trayless Duplex Unit** that, when combined with the optional RADF, lets you produce an unlimited quantity of duplexed **Statement-to-Ledger** sized copies. The optional **Reversing Automatic Document Feeder (RADF)** automatically inverts two-sided originals for copying in duplex formats. A standard **Electronic Sorting** feature effortlessly collates all your printed copies and the **Job Build** function lets you scan up to 400 originals (200 sheets) through the optional RADF.

Professional Document Finishing Features

The e-STUDIO45 gives a professional look to all your documents with a choice of an **Optional Multi-Position Stapling Finisher** or one with **Saddle-Stitch** capabilities. Both finishers offer three-position stapling flexibility to meet the needs of different sizes of paper and types of documents.

The e-STUDIO45 also offers a **Hole Punch** option and the ability to scan once and print multiple, stapled sets. A standard **Alternation** feature sorts unstapled finished sets in crosswise and lengthwise directions when both letter and letter-R paper sources are available.

Other document processing features include a **Magazine Sort** (Booklet Making Mode) that can copy multiple page documents and scale and order pages for folding into a booklet signature. You can also copy from 2 to 8 letter-sized originals onto a single sheet of paper using standard **2-in-1, 4-in-1, 8-in-1 Copy Modes**.



A User-Friendly Touch Screen Control Panel

The e-STUDIO45 is designed with a convenient state-of-the-art **Touch Screen Control Panel** that allows for one-touch system operation using easy-to-understand text, graphics, and icons. A helpful **Graphical Service Guidance System** also provides step by step instructions on clearing misfeeds, replacing toner, and removing used toner bags.

Two Separate Print Controller Network Solutions

The e-STUDIO45 digital copier can be easily upgraded to a fully connected network document processing system by utilizing two separate print controller solutions that each offer advanced parallel and LAN print features.

The optional **GA-1040 Embedded Fiery® Controller** provides basic network printing with parallel and network printing capabilities that fully support Novell®, Windows®, Windows® NT 4.0, and Macintosh® networks, and protocols including IPX/SPX, TCP/IP, LPR/LPD, IPP, and EtherTalk®. It also features standard **PCL6™** and optional **PostScript 3™** page description languages, an optional **6 GB HDD** for expanded printing capacity, and a **Web-based Printer Network Utility** via **TopAccess** that provides remote access to the system status, counters, and job logs.

The full-featured, value-added **GL-1010 Document Controller** solution also adds **Network Printing** capabilities and can be upgraded with **LAN Facsimile** functionality, **Internet Fax** capabilities, and **Scan-to-Email** and **Scan-to-File** features. Toshiba's robust controller solution provides cross-platform support for Windows®, Windows® NT 4.0, Novell®, UNIX®, and Macintosh® operating systems over a wide variety of network protocols, including TCP/IP, IPX/SPX, Token Ring, and EtherTalk®.

Maximum Reliability and Minimal Maintenance

The dependable e-STUDIO45 is rated at an impressive **150,000 Copy Preventative Maintenance Cycle** that reduces regular service intervals and minimizes copier downtime. A **Scan Once Copy Many** feature diminishes wear and tear on the RADF and the copier's advanced **Vertical Paper Path** enhances reliability by creating a shorter path that minimizes paper jams.

A replaceable **Toner Cartridge** makes for easier user access and serviceability, and accessible **Service Modules** simplify periodic copier maintenance. The e-STUDIO45 also saves you money by utilizing common Toshiba accessories and supplies which eliminates buying and storing separate toner, developer, and other products for your copier, fax, and printer.

Flexible Walk-up, LAN, and Internet Fax Functions

The e-STUDIO45 multiplies your fax productivity with optional **Walk-up Fax**, **LAN Faxing**, and **Internet Fax** capabilities. The optional **Toshiba Fax Board** incorporates a fast **33.6 Kbps Modem** and features **Super G3 JBIG** compression for speedier transmission and outstanding image quality. An optional **Second Line NCU** effectively doubles the system's productivity by allowing you to use either phone line, or both, to send or receive faxes.

When the robust GL-1010 Document Controller is installed, the e-STUDIO45 offers an optional **LAN Fax** feature that lets you send faxes from any PC on the network. You can also fax documents over the Internet with the **Scan-to-Email Kit** which saves on long distance charges, especially when transmitted data increases. An easy-to-use **Touch Screen Fax Panel** lets you scan a document, type an email address and send it to the recipient's email inbox, or print to another fax with I-Fax capabilities.

TWAIN-Compliant Network Scanning

Scanning documents and placing them onto the network has never been easier. The e-STUDIO45 functions as a large volume **TWAIN-Compliant Network Scanner** when you combine the optional GL-1010 Document Controller and **Scan-to-Email Kit**.

The e-STUDIO45 **Scan-to-File** feature converts and stores documents as PDF or TIFF files for file sharing by other PC network users. You can scan and store commonly used documents, such as letterheads or fax forms, as formatted digital "templates" to help reduce paper document inventories and reprinting costs.

Design Your Own Office Document Solution

Design your own versatile document processing solution and maximize your office productivity with the compact Toshiba e-STUDIO45 digital copier, available now at your local Authorized Toshiba Dealer.

What's in a Name?

The letter 'e' has become synonymous with technology, the Internet and a new way of doing business. Similar to the @ sign, this letter has reached "Critical Mass." 'e' is for electronic—for evolution, for excellence; words that describe the corporate vision of Toshiba and avenue of the electronic print devices.

'Studio,' while often relating to that of an artist, is in fact a place where work is done—artistically and otherwise. Whether it is a movie studio, an artist's studio or study, an office or a shop, it is the epicenter of business.

So, like an artist with a brush, a business person with a mouse—you too can create magic with the sweep of a hand, or the click of a button, from the advanced technology line of Toshiba's e-studio copiers, faxes and printers.

Copier Features:

- 45 PPM Digital Multifunction Device
- First Copy Out Time of 3.9 Seconds
- Document Storage (24 Locations)
- Job Build
- Job Reservation (Scan Ahead)
- Scan Once Copy Many
- Electronic Sort
- Page Numbering/Annotation
- Rotated Output
- 2-in-1, 4-in-1, 8-in-1 Copy Mode
- Magazine Sort (Booklet Making Mode)
- X-Y Zoom
- Reduction & Enlargement (25% to 400%)
- 32 MB Image Memory; 4.3 GB Hard Disk Drive
- Service Modules
- Statement-to-Ledger Size Capacity
- Touch Screen Control Panel
- Standard Trayless Duplex Unit
- 550-Sheet Paper Cassettes x 2
- 3,700 Sheet Total Paper Capacity
- 150,000 Copies Per Month

Print Features (2 Controller Options):

GA-1040 Embedded Fiery® Controller

- 366 MHz Processor; 64 MB Memory (192 MB Maximum)
- PCL6™ Page Description Language; Optional Postscript™ 3
- Supports Windows® 95, 98, 2000, NT 4.0, Macintosh® OS 8.6 or Later (with PPD)
- Supports Novell® Netware® 3.x, 4.x, 5.x, Windows® NT 4.0, Windows® 95, 98, Me, 2000, EtherTalk®
- Standard 10/100BaseT Interface
- Proof Print, Private Print, Stored Job Printing
- Optional 6 GB HDD

GL-1010 Document Controller

- Celeron™ 433 MHz Processor; 128 MB Memory (512 MB Maximum)
- Standard PCL6™/Postscript™ 3 Page Description Language
- Supports Windows® 95, 98, 2000, Windows® NT 4.0, Macintosh® OS 8.6 or Later (with PPD), UNIX® Client Operating Systems
- Supports Windows® 95, 98, Me, 2000, Windows® NT 4.0, NetWare® 3.x, 4.x, 5.x, Macintosh® OS 8.6 or Later, UNIX® Network Operating Systems
- Standard 10/100BaseT Interface; Optional Token Ring
- Proof Print, Private Print, Scheduled Print

Facsimile Features:

- Super G3 33.6 Kbps Modem; JBIG Compression
- Walk-up Fax
- Optional 2nd Line NCU
- LAN Fax & Internet Fax (T.37) (with GL-1010)
- 400 Phone Book Entries
- Group Dialing (Storage of up to 50 Groups)
- Delayed Fax Transmission & Fax Broadcast Transmission
- Fax Polling
- Chain Dialing

Scanning Features (with GL-1010):

- Network Scanning
- 600 x 600 dpi Scanner with 256 Gradations
- TWAIN Compatible Scanning
- Scan-to-File/Scan-to-Email
- File Naming Ability from Touch Screen

Optional Features:

- 100-Sheet Reversing Automatic Document Feeder (RADF)
- 550-Sheet Paper Feed Pedestal
- 550-Sheet Paper Cassette for PFP
- 2,500-Sheet Large Capacity Feeder
- Multi-Position Stapling Finisher
- Multi-Position Stapling Finisher with Saddle-Stitch Tray
- Hole Punch

Basic Composition

Copying Speed
45 Pages Per Minute (Letter)

Copying Process
Indirect Electrostatic Photographic Method (Dry Process)

Copying Type
Laser Electronic

Original Reading Method
CCD Line Sensor

Type
Desktop with Fixed Frame Design

Original Table
Stationary Platen

Resolution
2,400 x 600 dpi (with Smoothing)/
256 Gradations

Warm-up Time
Approximately 30 Seconds

First Copy Out Time
Approximately 3.9 Seconds (Letter)

Duty Cycle
150,000 Copies

Multiple Copying
Up to 999 Copies

Acceptable Paper Size
Statement-R (5.5" x 8.5")-to-Ledger (11" x 17"), 17-22 Lbs.; Manual Feed from Stack Feed "Smart" Bypass 14-55 Lbs. (110 Lbs. Index)

Acceptable Paper Type
Standard Bond, Overhead Transparencies, Gummed Labels, Postcards, Tab Sheets

Memory
32 MB, 4.3 GB HDD

Reduction/Enlargement
25% to 400%

Stack Feed "Smart" Bypass
100 Sheets

Control Panel
Graphic Display; Icon Based LCD Touch Panel; Key Top

Paper Supply
2 Standard Cassettes @ 550 Sheets (17-22 Lbs.); 100 Sheet SFB

Toner Control Method
Automatic Toner Density Monitoring & Dispensing from Toner Cartridge

Dimensions
26.0" x 27.8" x 40.0" (W x D x H)

Weight
Approximately 161 Lbs.

PM Cycle
150,000

Drum Type/Yield
Organic Photoconductor/150,000

Black Toner Yield
12,000

Black Developer Yield
150,000

Power Consumption
Maximum 1.5 KW (115 V)

Copy Functions

Special Features
Alternation
Annotation
AMS/APS (RADF & Original Glass Except Bypass)
Auto Job Start
Auto Cassette Change
Auto Trayless Duplex Mode (with Optional RADF)
Auto Energy Saver
Auto Sleep Mode
Cover Sheet
Department Codes (50)
Document Storage
Dual Page Copying
Edge Erase
Electronic Sort
Image Direction
Image Shift
Interrupt Memory
Job Build
Job Memory (4)
Job Reservation (Scan Ahead)—5 Jobs
Job Status
Magazine Sort (Booklet Making Mode)
Mirror Image
Negative/Positive
Page Numbering
Sheet Insertion
Text, Text/Photo, & Photo Modes
Weekly Timer
X-Y Zoom
2-in-1, 4-in-1, 8-in-1 Copy Mode

Copy Options

MR3012—Reversing Automatic Document Feeder (RADF)
Stack up to 100 Letter/Letter-R-Sized Originals; 100 Legal or Ledger-Sized Originals Simplex (13-33 Lbs.), Duplex (13-28 Lbs.); Automatically Refeeds Two-Sided Originals for One-Sided Copying or Two-Sided Copying; Copying Speed Using RADF: 45

KD1009—Paper Feed Pedestal
550-Sheet Pedestal; Statement-R-to-Ledger (17-22 Lbs.); Able to be Upgraded with Second 550-Sheet Statement-R-to-Ledger Tray (17-22 Lbs.)

MY1017—Additional Cassette (PFD)
550-Sheet Drawer; Statement-R-to-Ledger (17-22 Lbs.)

KD1010—Large Capacity Tray
2,500-Sheet Drawer; Letter (17-22 Lbs.); Stacks Side-by-Side (2 x 1,250)

MJ1012—Multi-Position Stapling Finisher
2 Tray; Console Design; Non-Sort/Sort/Group/ Staple Sort; Output: Face down; Paper Size: Statement-R-to-Ledger. Tray 1 Stack Capacity: 1,000 Sheets (LT); Tray 2 Stack Capacity: 1,000 Sheets (LT); Staple Capacity: 50 Sheets (LT/LT-R, 22 Lbs.); Locations: Front Corner (LT/LT-R/LG/LD); Rear Corner—Slant/Parallel (LT-R/LG); Center (2) (LT/LD)

MJ1013—Multi-Position Stapling Finisher with Saddle-Stitch
2 Tray + Saddle-Stitch Tray; Console Design; Non-Sort/Sort/Group/Staple Sort; Output: Face down; Paper Size: Statement-R-to-Ledger. Tray 1 Stack Capacity: 1,000 Sheets (LT); Tray 2 Stack Capacity: 1,000 Sheets (LT); Staple Capacity: 50 Sheets (LT/LT-R, 22 Lbs.); Locations: Front Corner (LT/LT-R/LG/LD); Rear Corner—Slant/Parallel (LT-R/LG); Center (2) (LT/LD); Saddle-Stitch, 15-Sheet Staple Capacity (LT/LD); Center Folding

MJ6001—Hole Punch Unit
2 or 3 Hole Punch Capability (Must be Configured with One of the Two Multi-Position Finishers)

KA1600—Platen Cover
Protective Cover for Glass Platen

KK4500—Work Tray
Work Tray

Print Features—GA-1040 Embedded Fiery® Controller

Processor
366 MHz

Memory
64 MB (Expandable to 192 MB); Optional 6 GB HDD

Print Resolution
2,400 x 600 dpi (with Smoothing)

Page Description Language Support
Standard: PCL6™; Optional: Postscript™ 3

Multiple Prints
1-999

Finishing
Sort/Group/Alternation; All Optional Finishing Capabilities

Network Operating Systems Support
Netware® 3.x, 4.x, 5.x, Windows® NT 4.0, Windows® 95, 98, Me, 2000, EtherTalk®

Protocol Support
IPX/SPX, TCP/IP, EtherTalk®, LPR/LPD, IPP, HTTP, SNMP

Drivers
Windows® 95, 98, 2000, Windows® NT 4.0, Macintosh® OS 8.6 or Later (with PPD, Optional Postscript™ 3 Required)

I/O Interfaces
10BaseT or 100BaseT

Special Features
Cover Sheet
Sheet Insertion
Magazine Sort
Saddle-Stitch
Mixed Size Printing
Private Print
Proof Printing
Stored Job Print
Water Mark Print
Overlays
Web Based Utility/Device Management

GA-1040 Options

GC1080 128 MB DIMM
GE1020 PS3 Option
GE1030 PS3 Option with 6 GB HDD
GB1070 Fiery® Command WorkStation™
GB1080 Fiery® FreeForm™
GB1090 Fiery® DocBuilder™ Pro

Print Features—GL-1010 Document Controller

Processor
Celeron™ 433 MHz

Memory
128 MB (Expandable to 512 MB)

Hard Drive
10.3 GB HDD

Print Resolution
2,400 x 600 dpi (with Smoothing)

Page Description Language Support
Standard: PCL6™, Postscript™ 3

Multiple Prints
1-999

Finishing
Sort/Group/Alternation; All Optional Finishing Capabilities

Network Operating Systems Support
Windows® 95, 98, Me, 2000, Windows® NT 4.0, NetWare® 3.x, 4.x, 5.x, Macintosh® OS 8.6 or Later, UNIX® (Sun® Solaris, HP UX)

Protocol Support
IPX/SPX, TCP/IP, NetBEUI/NetBIOS, AppleTalk®, LPR/LPD, IPP, HTTP, SNMP, WINS, SMTP

Drivers
Windows® 95, 98, 2000, Windows® NT 4.0, Macintosh® OS 8.6 or Later (with PPD), UNIX®

I/O Interfaces
10BaseT or 100BaseT; Optional Token Ring

Special Features
Sheet Insertion
Magazine Sort
Saddle-Stitch
Mixed Size Printing
Private Print
Proof Printing
Water Mark Print
Overlays
Scheduled Print
Print to Image Overlay
Web Based Utility/Device Management

GL-1010 Document Controller Options

GB1040—PC Fax SW Module
Software for PC/LAN Functionality

GB1060—Internet Fax/Scan Kit
Enables Scan-to-File, Scan-to-Email, Internet Fax

GC1090—Expansion Memory
128 MB Expansion Memory (GL-1010 Document Controller)

Token Ring
Network Interface Card

Optional LAN Fax—Scan Function (GL-1010 Only)

Scanning Method
CCD Line Sensor

Gray Scale
256 Gradations

Maximum Paper Size
Input: Ledger
Output: Ledger

Effective Scanning Width
Up to 11.7" (297mm)

Scan Speed
45 PPM

Document Input
RADF, Platen, or LAN Fax

Special Features
LAN Fax
Fax Over IP (T.37)
Internet Fax Reception (T.37)
Network Scanning
File Share
Twain Compatible
Scan-to-Email

Walk-up Facsimile Features

Operation Method
Touch Screen Fax Panel

Compatibility
Super G3

Data Compression
MH/MR/MMR/JBIG

Specifications

Transmission Speed
Approx. 3 Seconds Per Page

Fax Modem Speed
33.6 Kbps

Fax Memory
120 MB Transmission; 240 MB Reception;
4.3 GB HDD Back-up

Page Memory
200 Pages/File

Memory Transmission
100 Jobs; 1,000 Destinations
Maximum

Resolution
Standard Mode: 203 Pels/In. x 98 Lines/In.
Fine Mode: 203 Pels/In. x 196 Lines/In.
ITU Ultra Fine Mode: 406 Pels/In. x 392 Lines/In.

Scanning Method
CCD Line Sensor

Scan Speed
.7 Seconds Per Page; 45 Scans Per Minute

Gray Scale
256 Gradations

Maximum Paper Size
Input: Ledger
Output: Ledger

Effective Scanning Width
Up to 11.7" (297mm)

Print Speed
45 PPM

Document Input
RADF or Platen

Special Features
Optional Second Line
Dual Access
400 Entries to Phone Book
24 Program Keys
Storage up to 50 Groups/400 Locations (Maximum Destinations: 1,000)
Broadcasting (Maximum Destinations: 1,000)
Department Codes (up to 50)
Polling
Chain Dialing
100 Boxes (for Mailboxes & Relay Broadcasting)

Facsimile Options

GD1080—Fax Board
Fax Board, 33.6 Kbps Modem

GD1090—2nd PSTN Line
Optional Second Line

Designs and specifications subject to change without notice. For best results and reliable performance, always use supplies manufactured by Toshiba.

Not all options and accessories may be available at the time of product launch. Please contact a local Authorized Toshiba Dealership for availability.

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