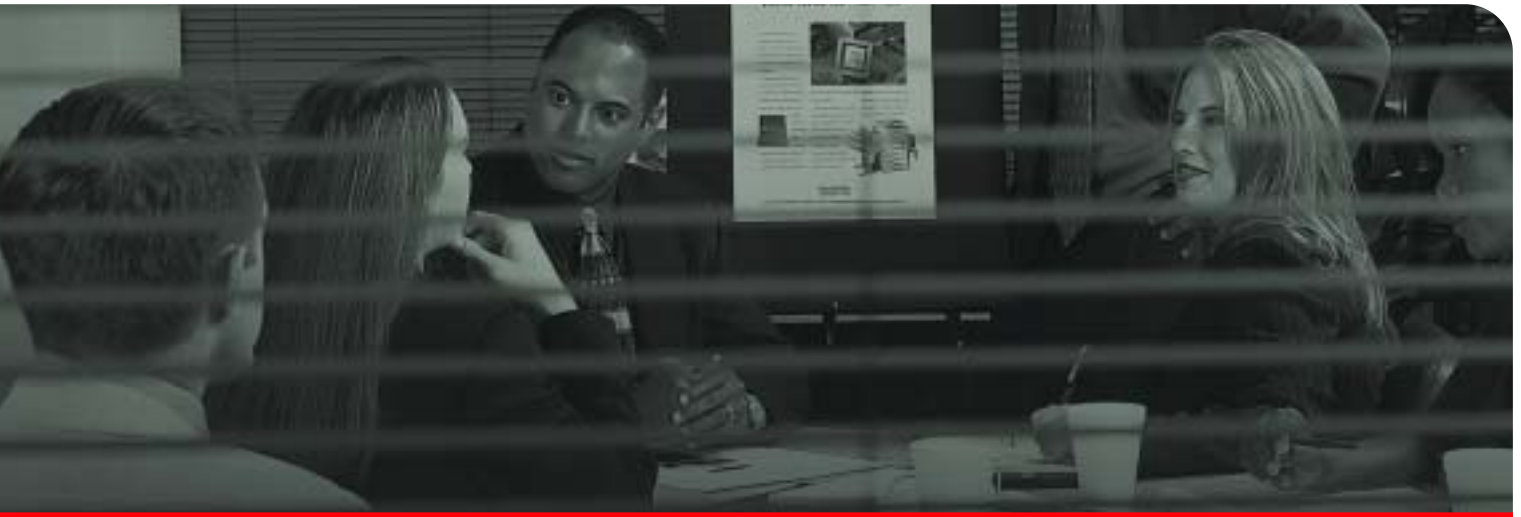


e-STUDIO160

Digital Copier • Network Printer • Walk-up Fax • PC/LAN Fax
Internet Fax • Scan-to-Email



TOSHIBA
Don't copy. Lead.



Using One Compact Office Solution



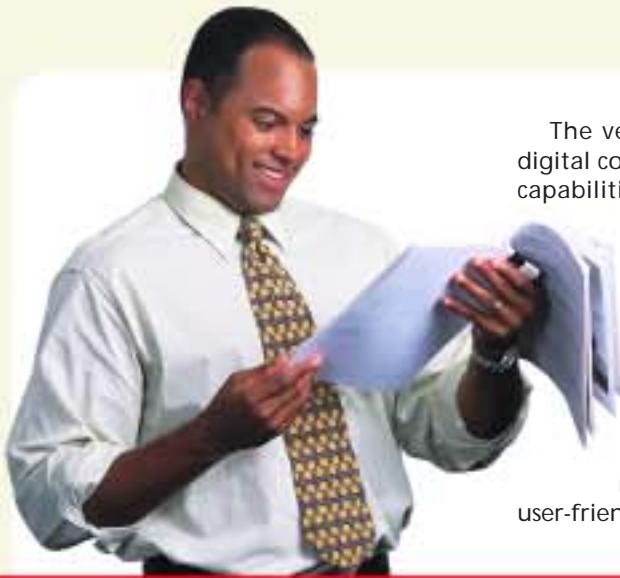
What's in a Name

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 the avenue of 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.





The versatile e-STUDIO160 is Toshiba's newest **16-Page Per Minute** multifunction digital copier featuring a full array of optional network printing, faxing, and scanning capabilities. The modular design of the e-STUDIO160 enables growing businesses and workgroups to create a customized document imaging system perfectly suited to their current and future office productivity requirements.

The scalability and exceptional digital output of the e-STUDIO160 makes it price-competitive with other copiers in its class. Its economical multifunction design provides a significantly lower **Total Cost of Ownership (TCO)** compared to the purchase price of four separate copier, printer, fax, and scanner devices.

The compact e-STUDIO160 is ideal for small businesses and workgroups that require multifunction features in space-limited environments. The reliable e-STUDIO160 digital copier system offers exceptional image quality, user-friendly features, and state-of-the-art digital technology, at a very affordable price.

Now You Can Copy, Print, Fax, and Scan

Productivity-Enhancing Versatility

The e-STUDIO160 provides outstanding print, copy, fax, and scan capabilities, in a compact, economical package. The functional versatility of the e-STUDIO160 increases overall office productivity by allowing you to effortlessly retrieve or send faxes, and print or copy documents from one convenient central location. User-friendly functions let you scan documents via a **Parallel TWAIN-Compliant Scanner** or send scanned documents via email or fax.

An Advanced, Full-Featured Copier

With a **Warm-up Time of less than 60 Seconds**, a **First Copy Out Time of 7.9 Seconds from Memory**, and a rated volume of up to **20,000 Copies Per Month**, the e-STUDIO160 generates copies at a fast **16 Pages Per Minute at 600 x 600 dpi Resolution** which produces sharp, clear copies of your original documents.

It also incorporates other advanced digital copying features that include **Edge Erase** and **Image Shift**, along with the convenience of **Job Memory**, **Page Numbering**, and **Department Access Codes**.

Unsurpassed Paper Handling

The e-STUDIO160 can handle the busiest office paperwork volumes with a **Standard 550-Sheet Paper Cassette**, **two Optional 550-Sheet Cassette Trays**, plus an **Optional 100-Sheet Stack Feed "Smart" Bypass** which provides an ample **1,750-Sheet Total Paper Capacity**.

The system also features an **Optional 50-Sheet Automatic Document Feeder (ADF)** or an **Optional 100-Sheet Reversing Automatic Document Feeder (RADF)** that automatically inverts a two-sided original for copying in duplex formats.

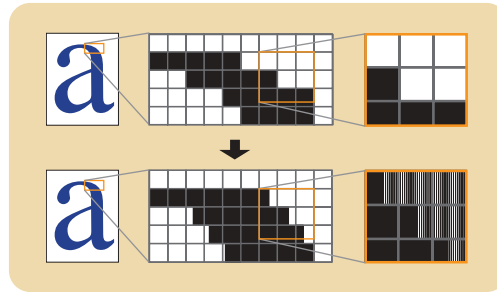
The **Optional 100-Sheet Stack Feed "Smart" Bypass** accepts a wide variety of paper sizes and thicknesses while an efficient **Electronic Sorting** feature automatically collates printed copies. An **Optional Offset Catch Tray** adds to the e-STUDIO160's collation capabilities and a redesigned **Optional Central**



Output Tray eliminates the wasted space of an external hanging output tray. A handy **Optional Job Separator** automatically differentiates copy, fax, and print jobs, and an **Optional Convenient Stapler** on the work surface lets you quickly assemble finished sets.

A Network-Compatible Digital Printer

The e-STUDIO160 provides seamless **Print Capabilities** with the standard **Windows® GDI Print Driver** for parallel port printing. Optional local and network **PCL6™** and



With The e-STUDIO160 Multifunction Digital



PostScript™ Level 2 printing is also available with the print controller.

The advanced imaging system offers enhanced output resolution of **1,200 x 600 dpi with Patented Smoothing Technology** and comes equipped with **16 MB Printer Memory**. The e-STUDIO160 supports all popular Windows® 95, 98, 2000, XP, and Windows® NT 4.0 operating systems.

Integrated Walk-up, PC/LAN, and Internet Fax Functions

The e-STUDIO160 is the second generation multifunction imaging device of its kind to offer **Walk-up Fax**, **PC/LAN Fax**, and **Internet Fax** capabilities. Toshiba's optional fax kit incorporates a fast **33.6 Kbps Super G3 Modem**, a **Fax Control Panel**, and a powerful **JBIG Compression Fax Board**.

The e-STUDIO160 also offers **PC/LAN Fax** capabilities available through the **ImageVision™ 2000** software suite. Faxes can be sent via any PC on the network through the fax modem. **Internet Fax** functionality also saves money on long distance charges by allowing you to fax documents over the Internet.



Using the e-STUDIO160's **75 One-Touch Keys** and **300 Abbreviated Dial Locations**, you can quickly program and send faxes to frequently dialed locations at the touch of a button. Other helpful fax features include **PIN Access** security, assignable **Department Codes**, and a convenient **Group Dial** function.



Copier

Convenient Scanning Capabilities

The versatile e-STUDIO160 can operate as a high-volume **TWAIN-Compliant Scanner** that lets you scan and store paper documents into a workstation. You can easily scan a paper document into the computer, convert it to an electronic form for revisions, attach a document to an email, or file it for archival purposes.

The e-STUDIO160 offers **Scan-to-Email** that provides further efficiency for the modern workgroup environment. Scanned documents/images can be instantly sent as email without the need for attachment. This saves time in the dissemination of information and reduces the need for printouts.

Cost-Efficient Maintenance and Reliability

The reliable e-STUDIO160 boasts a **81,000 Copy Preventative Maintenance Cycle** that minimizes regular service maintenance intervals and effectively reduces copier downtime. The copier's advanced design further enhances system reliability by creating a shorter paper path, thus minimizing paper jams.

Toshiba's efficient **Scan Once Copy Many** feature and durable **Platen Design** help to reduce wear and tear on the document feeder and copier scanning mechanisms, resulting in more copies and fewer problems. Visit your local Authorized Toshiba Dealer and try out the compact, economical e-STUDIO160, today.

Copier Features:

- 16 PPM Digital Multifunction Device
- First Copy Out Time of 7.9 Seconds from Memory
- Auto Job Start
- AMS/APS (with ADF/RADF)
- Department Access Codes
- Edge Erase Mode
- Image Shift
- Job Memory (4)
- Scan Once Copy Many
- Electronic Sort
- Page Numbering/Annotation
- 2-in-1, 4-in-1, 8-in-1 Copy Modes
- Negative/Positive/Mirror Image
- Magazine Sort (with ADU and 64 MB memory)
- X-Y Zoom
- Reduction & Enlargement (50% to 200%)
- 32 MB Image Memory (Expandable to 160 MB)
- Statement-to-Ledger Size Capacity
- 550-Sheet Paper Cassette (Standard)
- 1,750-Sheet Maximum Total Paper Capacity
- User Replaceable Toner Cartridge

Printing Features:

- Windows® GDI Parallel Port Printing (Standard)
- PCL6™ & PostScript™ Level 2 Page Description Languages
- 1,200 x 600 dpi Printing with Smoothing Technology
- 16 MB Printer Memory (Expandable to 144 MB)
- Supports Windows® 95, 98, 2000, Windows® NT 4.0, Windows® XP & Macintosh® (PPD) 8.0, 9.1 Operating Systems
- Supports IPX/SPX, TCP/IP, EtherTalk®, WINS, LPR/LPD, SNMP, & IPP Protocols
- Supports 10BaseT & 100BaseT I/O Interfaces

Facsimile Features:

- Super G3 33.6 Kbps Modem; JBIG Compression
- Walk-up Fax, PC/LAN Fax, & Internet Fax
- 1.4-Second Scan Per Page
- 500-Page Memory Storage
- 100 Mailboxes; Confidential Receiving
- 75 One-Touch Keys; 300 Abbreviated Dial Locations
- Group Dialing (Storage of up to 50 Groups)
- QWERTY Keyboard

Scanning Features:

- 600 x 600 dpi Scanner with 256 Gradations
- Optical Character Recognition (OCR)
- TWAIN Compatible Scanning (Parallel Port)
- Scan-to-Email

Optional Features:

- 50-Sheet Automatic Document Feeder (ADF)
- 100-Sheet Reversing Automatic Document Feeder (RADF)
- Trayless Duplex Unit (ADU)
- 100-Sheet Stack Feed "Smart" Bypass
- 550-Sheet Paper Feed Unit
- 550-Sheet Paper Feed Pedestal
- Convenience Stapler on the Work Surface
- Job Separator
- Offset Tray
- Platen Cover
- PCL6™, PostScript™ Level 2 Print Controller
- Network Interface Kit (Ethernet)
- 33.6 Kbps Fax Kit with Fax Control Panel
- ImageVision™ 2000 PC/LAN Faxing Software
- Internet Fax/Scan-to-Email Kit



Basic Composition

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

Copy Resolution

600 x 600 dpi/256 Gradations

Copying Speed

16 Pages Per Minute (Letter)

Warm-up Time

Approximately 60 Seconds

First Copy Out Time

Approximately 7.9 Seconds from Memory

Maximum Monthly Copy Volume

20,000 Copies

Multiple Copying

Up to 999 Copies

Acceptable Paper Size

Statement-R (5.5" x 8.5")-To-Ledger (11" x 17"), 17-21 Lbs.;

From Stack Feed "Smart" Bypass 17-43 Lbs.

Image Memory

32 MB (Expandable to 160 MB)

Reduction/Enlargement

50% to 200%

Control Panel

Graphic Display; Key Top

Paper Supply

Standard 550-Sheet Cassette;
Optional 550-Sheet Paper Feed Unit;
Optional 550-Sheet Paper Feed Pedestal;
Optional 100-Sheet SFB;
Optional Trayless ADU

Toner Control Method

Automatic Toner Density Monitoring
And Dispensing from Toner Cartridge

Dimensions

21" x 22" x 24" (W x D x H)

Weight

Approximately 110 Lbs.

PM Cycle

81,000

Drum Type/Yield

Organic Photoconductor/27,000

Black Toner Yield

5,000*

Black Developer Yield

81,000

Power Supply

115 Volts; 60 Hz

Power Consumption

Maximum 1.5 kW

Copy Functions

Special Features

Access Codes (99)

Alternation

Annotation

AMS/APS (with ADF/RADF)

Auto Job Start

Auto Cassette Change

Auto Duplex Mode (with RADF/ADU)

Auto Energy Saver

Auto Sleep Mode

Auto Shut-off

Dual Page Copying

Edge Erase Mode

Electronic Sort

Image Shift

Interrupt Memory

Job Memory (4)

Magazine Sort (with ADU and 64 MB Memory)

Mirror Image

Negative/Positive

Page Numbering/Annotation

R/E Presets (3R/3E)

Rotated Output (with PFU)

Text, Text/Photo, Photo Modes

Weekly Timer

X-Y Zoom

2-in-1, 4-in-1, 8-in-1 Copy Modes

Copy Options

MR2012—Automatic Document Feeder (ADF)

Automatic Mode: Stack up to 50 Letter or Letter-R Sized Originals; 25 Legal or Ledger Sized Originals (20 Lbs.)

MR3011—Reversing Automatic Document Feeder (RADF)

Automatic Mode: Stack up to 100 Letter or Letter-R Sized Originals; 100 Legal or Ledger Sized Originals (20 Lbs.);

Reversing Mode: Automatically Refeeds

Two-Sided Originals for One-Sided

Copying or Two-Sided Copying;

Supports Mixed Originals

MD0101—Automatic Duplexing Unit (ADU)

Statement-R-to-Ledger Sized Originals (17-21 Lbs.); Trayless Duplex

GC1050—Copier Expansion Memory

64 MB Image Memory

(2 Available Slots)

MY1016—Stack Feed "Smart" Bypass

100 Sheets Statement-R-to-Ledger

(17-21 Lbs.); Single Sheet Feed

Statement-R-to-Ledger (17-43 Lbs.)

GH1030—Paper Feed Controller

Required Option for Additional Paper

Feed Unit or Automatic Duplex Unit

MY1015—Paper Feed Unit

550-Sheet Drawer;

Statement-R-to-Ledger (17-21 Lbs.)

KD1009—Paper Feed Pedestal

550-Sheet Pedestal;

Statement-R-to-Ledger (17-21 Lbs.)

MJ5001—Job Separator

Separates Output; Upper Tray Holds

150 Sheets; Lower Tray Holds 250 Sheets

MJ5002—Offset Tray

Offsets Finished Sets;

Tray Holds 250 Sheets

KK1600—Convenience Stapler on Work Tray

Automatic Stapler; 50 Sheets Per Set

KA1600PC—Platen Cover

Print Features

Processor

Power PC 401 75 MHz

Print Memory

16 MB (Expandable to 144 MB)

Print Resolution

1,200 x 600 dpi (with Smoothing)

Page Description Language Support

Standard: GDI Printing;

Optional: PCL6™, PostScript™ Level 2

Network Operating Systems Support

NetWare™ 3.x, 4.x, 5.x, Windows® NT 4.0,

Windows® 95, 98, 2000, XP, EtherTalk®,

Macintosh™ (PPD) 8.0, 9.1

Protocol Support

IPX/SPX, TCP/IP, EtherTalk®, LPR/LPD, IPP,

WINS, SNMP

Drivers

Windows® 95, 98, 2000, Windows® XP,

Windows® NT 4.0, Macintosh™ (PPD) 8.0, 9.1

I/O Interfaces

10BaseT or 100BaseT

Special Features

• Cover Page

• Magazine Sort

• Mixed-Size Printing

• N-up Printing (Maximum 16-in-1)

• Watermark

Print Options

GA1031—Printer Kit

PCL6™, PostScript™ Level 2 Printer Board

GF1110—NIC Kit

10/100BaseT Network Interface Card

GC1110—Printer Expansion Memory

64 MB Print Memory

GC1120—Printer Expansion Memory

128 MB Print Memory

Facsimile/Scan Functions

Operation Method

Fax Panel

Compatibility

Super G3

Data Compression

MH/MR/MMR/JBIG

Transmission Speed

Approximately 3 Seconds Per Page

Fax Modem Speed

33.6 Kbps

Fax Memory

6 MB

Page Memory

500 Pages

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.

Gray Scale

256 Gradations

Maximum Paper Size

• Input: Ledger

• Output: Ledger

Specifications

Effective Scanning Width

Up to 11.7" (297mm)

Document Input

ADF/RADF, Platen, or PC/LAN Fax

Connection Requirements

USOC RJ11C Telephone Jack (or Equivalent)

Special Features

• 75 One-Touch Keys

• 300 Abbreviated/Alphabet

Dial Locations

• Storage up to 50 Groups/

375 Locations

• Department Codes (up to 99)

• 100 Boxes (for Mailboxes & Relay

Broadcasting)

• ImageVision™ 2000 Software Suite -

PC/LAN Faxing

• Internet Fax

• Scan-to-Email

• TWAIN Compatible Scanning

• Optical Character Recognition—OCR

Fax/Scan Options

GD1061—Fax Kit

Fax Board, 33.6 Kbps Modem,

& Fax Control Panel

GD1070—Internet Fax/Scan Kit

Internet Fax/Scan Board

ImageVision™ 2000

PC/LAN Fax & Scan Software

* Yields quoted are estimates, based on 6% toner coverage, copy mode (letter-sized paper). Actual yields may vary.

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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