As a technology leader committed to innovation, the newly upgraded e-STUDIO16s/20s/25s features many improvements over the existing e-STUDIO models. In response to customer feedback and embracing a strategy to provide the most competitive products in the copier marketplace, Toshiba has focused its technical skills and achieved a significant improvement over **First Copy Out Time** from the feeder and **Duplex** productivity.

Using One Compact Office Solution

Another key improvement, as stated by the letter "s", the new e-STUDIO "s" models have changed from "customer replaceable" to **"Service Replaceable" Process Units**. Under the "customer replaceable" system, the entire process unit was thrown out after yielding 27,000 (e-STUDIO16s/20s) and 33,000 (e-STUDIO25s) impressions, thus creating a higher cost-per-copy. With the new "s" models, there is a **"Service Replaceable" PM Kit** that replaces only a few components of the process unit, increasing the life of the process unit and consequently reducing the cost-per-copy.

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.

e-STUDIO16s

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

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
27,000/81,000

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 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

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, EtherTalk®

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

Drivers
Windows® 95, 98, 2000, Windows® NT 4.0, Macintosh® (with PPD)

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

Effective Scanning Width
Up to 11.7" (297mm)

Specifications

Document Input
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
• Internet Fax
• Scan-to-Email
• TWAIN Compatible Scanning
• Optical Character Recognition—OCR

Internet Fax/Scan Options
GD1060—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

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.

e-STUDIO16s

Digital Copier ▪ Network Printer ▪ Walk-up Fax ▪ LAN Fax
Internet Fax ▪ Internet Print ▪ Scanning

TOSHIBA
COPY ▪ FAX ▪ PRINT

AUTHORIZED TOSHIBA DEALER

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e-STUDIO16s Brochure   Inv. Code ES1651   PRINTED ON RECYCLED PAPER

TOSHIBA
Don't copy. Lead.
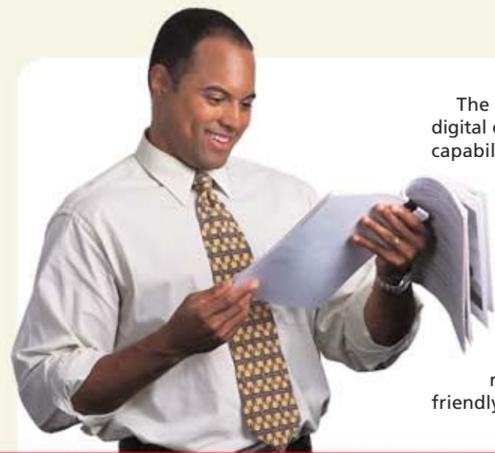
The versatile e-STUDIO16s is Toshiba's newest **16-Page Per Minute** multifunction digital copier featuring a full array of optional network printing, faxing, and scanning capabilities. The modular design of the e-STUDIO16s enables growing businesses and workgroups to create a customized document imaging system perfectly suited to their current and future office productivity requirements.

The scalability and exceptional digital output of the e-STUDIO16s 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-STUDIO16s is ideal for small businesses and workgroups that require multifunction features in space-limited environments. The reliable e-STUDIO16s digital copier system offers exceptional image quality, user-friendly features, and state-of-the-art digital technology, at a very affordable price.

to the e-STUDIO16s' 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-STUDIO16s provides seamless **Print Capabilities** with the standard **Windows® GDI Print Driver** for parallel port printing.
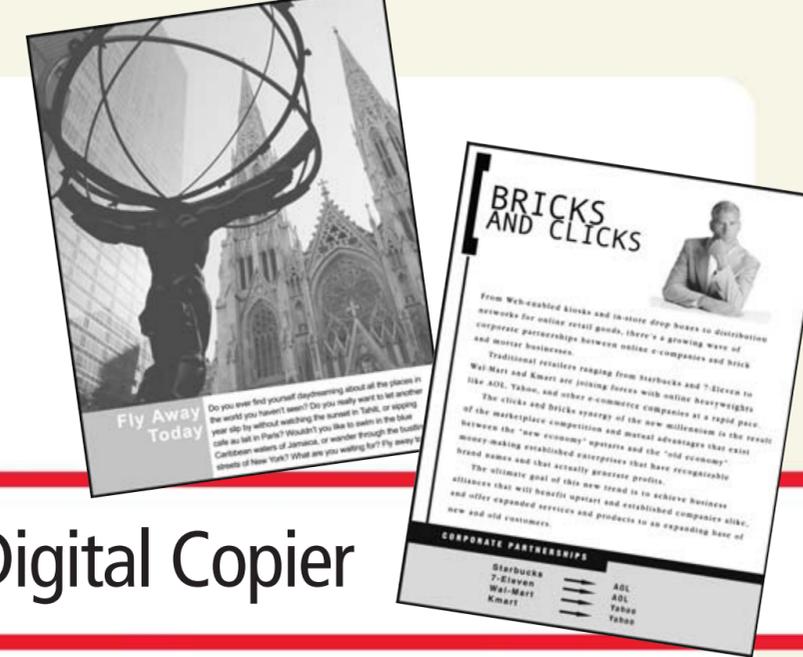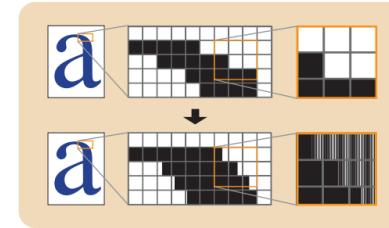
Now You Can Copy, Print, Fax, and Scan   With The e-STUDIO16s Multifunction Digital Copier

Productivity-Enhancing Versatility

The e-STUDIO16s provides outstanding print, copy, fax, and scan capabilities, in a compact, economical package. The functional versatility of the e-STUDIO16s 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 **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 up to **20,000 Copies Per Month**, the e-STUDIO16s 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 and Production

The e-STUDIO16s 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

Optional local and network **PCL6™** and **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-STUDIO16s supports all popular Windows® 95, 98, 2000, and Windows® NT 4.0 operating systems.

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

The e-STUDIO16s 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-STUDIO16s 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-STUDIO16s' **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.

Convenient Scanning Capabilities

The versatile e-STUDIO16s can operate as a high-volume **TWAIN-Compliant Scanner** that lets you scan and store paper documents into a workstation or send them directly to an email address. 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-STUDIO16s 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-STUDIO16s boasts a **27,000/81,000 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-STUDIO16s, 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
- 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 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, & NT 4.0 Client Operating Systems
- Supports Novell® NetWare™, Microsoft® NT 4.0, & Macintosh 8.0 Network 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:

- Network Scanner with 256 Gradations
- Optical Character Recognition (OCR)
- TWAIN Compatible Scanning
- 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 LAN Faxing Software
- Internet Fax/Scan Kit