

Expandable Open Architecture and Scalable Features

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 costper-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.





Interrupt Memory

Magazine Sort (with 64 MB Memory)

Text, Text/Photo, Photo Modes

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

MR2012—Automatic Document

Automatic Mode: Stack up to 50 Letter

Automatic Mode: Stack up to 100 Letter

or Letter-R Sized Originals; 100 Legal or

Reversing Mode: Automatically Refeeds

Statement-R-to-Ledger-Sized Originals

MY1016—Stack Feed "Smart" Bypass

100 Sheets Statement-R-to-Ledger

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

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

2,500-Sheet Drawer Stacks Side by Side

2 Tray, Hanging Design; Non-Sort/Sort/

Group/Staple Sort; Output: Face Down;

Tray 1 Stack Capacity: 200 Sheets (LT);

Tray 2 Stack Capacity: 700 Sheets (LT);

22 Lbs.): Staple Location: Rear Corner

Separates Output: Upper Tray Holds 150

Sheets; Lower Tray Holds 250 Sheets

Offsets Finished Sets; Tray Holds

KK1600—Convenience Stapler on

Automatic Stapler; 50 Sheets Per Set

Staple Capacity: 30 Sheets (LT/LT-R,

Paper Size: Statement-R-to-Ledger;

KD1009—Paper Feed Pedestal

MY1017—Additional Cassette

550-Sheet Drawer for Pedestal:

KD1010—Large Capacity Tray

(2 x 1,250); Letter (17-21 Lbs.)

Two-Sided Originals for One-Sided

Ledger-Sized Originals (20 Lbs.);

Copying or Two-Sided Copying

MD0101—Automatic Duplexing

(17-21 Lbs.); Trayless Duplex

GC1050—Expansion Memory

64 MB Copier Image Memory

Job Memory (4)

Mirror Image

Weekly Timer

Copy Options

Feeder (ADF)

1 to N Feed

Unit (ADU)

(2 Available Slots)

Feed Unit or ADU

550-Sheet Drawer;

550-Sheet Pedestal;

MI1011—Finisher

(LT/LT-R/LG/LD)

250 Sheets

MJ5001—Job Separator

MJ5002—Offset Trav

MY1015—Paper Feed Unit

Document Feeder (RADE)

X-Y Zoom

Negative/Positive

Page Numbering

R/F Presets (3R/3F)

Job Build

Indirect Electrostatic Photographic

Method (Dry Process) **Copying Type**

Laser Electronic

Original Reading Method CCD Line Sensor

Desktop with Fixed Frame Design Original Table

Stationary Platen

Copy Resolution 600 x 600 dpi/256 Gradations

Copying Speed 20 Pages Per Minute (Letter) Warm-up Time

Approximately 70 Seconds First Copy Out Time

Approximately 6 Seconds from Memory **Duty Cycle**

35,000 Copies **Multiple Copying** Up to 999 Copies

17-43 Lbs.

Acceptable Paper Size Statement-R (5.5" x 8.5")-to-Ledger (11" x 17"), 17-21 Lbs.; Manual Feed from Stack Feed "Smart" Bypass

Acceptable Paper Type Standard Bond, Overhead Transparencies, Gummed Labels

Image Memory 32 MB (Expandable to 160 MB)

Reduction/Enlargement 25% to 400%

Control Panel Graphic Display; Key Top Paper Supply

Standard 550-Sheet Cassette (17-21 Lbs.) Automatic Toner Density Monitoring 8

Dispensing from Toner Cartridge

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

Approximately 110 Lbs. PM Cycle

27,000/81,000 Drum Type/Yield (in Process Unit)

Organic Photoconductor/27,000 Black Toner Yield 7 500*

Black Developer Yield (in Process Unit) **Power Supply**

115 Volts; 60 Hz **Power Consumption**

Maximum 1.5 kW **Copy Functions**

Dual Page Copying

Edge Erase Mode **Electronic Sort**

Special Features Access Codes (99) Alternation (with PFU) Annotation AMS/APS Auto Job Start

Auto Cassette Change Auto Duplex Mode (with RADF/ADU) Auto Energy Saver Auto Sleep Mode Auto Shut-off

Print Features 75 MHz

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

Windows® 95, 98, 2000, Windows® NT 4.0, Macintosh® 8.x (with PPD)

I/O Interfaces 10BaseT or 100BaseT

or Letter-R Sized Originals; 25 Legal or Special Features Ledger-Sized Originals (20 Lbs.); Cover Page Cascade Printing MR3011—Reversing Automatic Magazine Sort

N-up Printing (Maximum 16-in-1) Watermark

Print Options PCL6™, PostScript™ Level 2

Printer Board GF1110—NIC Kit 10/100 BaseT 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

(17-21 Lbs.); Single Sheet Feed Statement-R-to-Ledger (17-43 Lbs.) Super G3 GH1030—Paper Feed Controller Data Compression Required Option for Additional Paper

MH/MR/MMR/IRIG Approx. 3 Seconds Per Page

Fax Modem Speed 33.6 Kbps Fax Memory 6 MB

Page Memory 500 Pages

Standard Mode: 203 Pels/In. x 98 Lines/In Fine Mode: 203 Pels/In. x 196 Lines/Ir ITU Ultra Fine Mode:

406 Pels/In. x 392 Lines/In Grav Scale

256 Gradations Maximum Paper Size Input: Ledger Output: Ledger

Specifications

Effective Scanning Width Up to 11.7" (297 mm)

Document Input RADF, Platen, or Network Fax

Connection Requirements USOC RJ11C Telephone Jack

special Features 75 One-Touch Keys

(or Equivalent)

300 Abbreviated/Alphabet Dial Locations Storage up to 50 Groups/375 Locations

Department Codes (up to 99) 100 Boxes (for Mailboxes and Relay Broadcasting)

Internet Fax—(T.37) Scan-to-Email

ImageVision™ 2000 Software TWAIN Compatible Scanning Optical Character Recognition—OCR

Internet Fax/Scan Option

GD1060—Fax Kit Fax Board, 33.6 Kbps Modem, Fax Control Panel

GD1070—Internet Fax/Scan Kit Internet Fax/Scan Board

Network Fax & Scan Software

* Yields quoted are estimates, based on 6% toner verage, copy mode (letter-size paper). Actual yields Designs and specifications subject to change withou

notice. For best results and reliable performance, Not all options and accessories may be available at the time of product launch. Please contact a local

thorized Toshiba Dealership for availability.

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Digital Copier • Network Printer • Fax • Network Fax Internet Fax • Internet Print • Scan-to-Email







Toshiba's e-studio20s digital imaging system offers expandable open architecture and scalable features that can be customized to meet all your document processing needs. The innovative e-studio20s digital copier incorporates optional network printing, faxing, and scanning capabilities, all in one economical, multifunction device.

The compact e-STUDIO20s is an ideal shared, network-connected solution for small companies and workgroup environments where work space is limited. Flexible functionality and amazing versatility enables the e-studio20s to adapt and grow with your changing business needs.

A Full Array Of Processing Features

Boasting a rated volume up to 35,000 Copies Per Month, the e-studio20s easily handles busy workloads and heavy paper



Powerful and Productive Fax Features

The e-studio20s offers impressive fax features that include Optional Walk-up Fax, Network Faxing, and Internet Fax capabilities, Faster transmission speeds and superior image quality are available with the Optional Fax Board which

incorporates a fast Super G3 33.6 Kbps Modem and convenient JBIG Compression

Network Faxing via the ImageVision™ 2000 Software Suite lets you send and receive faxes directly from your desktop. An Optional Internet Fax/Scan Kit saves on long distance telephone charges by enabling you to fax documents directly over the Internet.



The Toshiba Tudio 20s Offers A Multifunction Workgroup Network Solution

volumes. Numerous paper cassette combinations offer versatility and a Total Paper Capacity up to 3,700 Sheets.

The e-studio20s digital copier handles a maximum 11" x 17" Paper Size and features 25% to 400% Reduction and Enlargement off the platen. The system adapts to document sizes and paper variations with an Optional 100-Sheet Stack Feed "Smart" Bypass that accommodates a variety of paper sizes and thicknesses.

The e-studio20s offers an Optional Automatic Document Feeder (ADF) or a Reversing Automatic Document Feeder (RADF) that can automatically invert two-sided originals and copy in duplex formats. Electronic Sorting automatically collates your printed copies and the Optional Single Position Finisher staples 30 sheets per set for complete output capabilities.

Unmatched Imaging and Document Management

Producing 20 Pages Per Minute, the e-studio20s provides unmatched image quality at 1,200 x 600 dpi Print Resolution with document enhancing Patented Smoothing Technology. A 600 x 600 dpi Scanner with 256-Level Gray Scale provides true and accurate reproduction of all your photographs and graphics. Precision Text, Photo, or Text/Photo Scan Modes ensure that your copies come out clear and sharp every time.

Toshiba's Patented Real Time Dynamic Correction (RTDC) technology simultaneously adjusts image density to match the original on the initial scanning pass. RTDC assures that originals, such as high-density background newspapers, produce clear text output by eliminating dense backgrounds and by darkening light characters.



Other useful fax features include an Address Book that stores frequently used fax numbers, with 75 One-Touch Keys, 300 Abbreviated Dial Locations, and 50 Group Dial functions. The e-studio20s also offers 1.4-Second Per Page Hyper Scan and a 500-Page Memory Storage through JBIG Compression.

Out-of-the-Box Printing

The e-studio20s is a complete printing solution for the integrated office environment. Out-of-the-box, standard GDI Parallel Printing supplies all your local printing requirements and the Optional **PCL6**[™] and **PostScript**[™] **Level 2 Printer Board** provides complete network printing.

The digital imaging system, which offers enhanced output of 1,200 x 600 dpi Resolution, comes with 16 MB Printer Memory that is expandable to 144 MB. Convenient print features also include Duplex Printing (with the Optional ADU), Watermarks, Layout Printing, and Finishing (with the Optional Finisher). The Web-Based NetPanel Administration Utility provides easy network printer settings and allows you to administer, monitor, and configure printer devices anywhere on the network.

Convenient Scanning Capabilities

The versatile e-studio20s 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-studio20s 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.

Reliable, Low Maintenance Design

The e-studio20s is reliably designed with a 27,000/81,000 Copy Preventative Maintenance Cycle that reduces regular service intervals. An advanced Paper Path design also improves copier reliability with a shorter path that helps minimize

The use of one interchangeable toner cartridge, which works for all copy, fax, and print functions, effectively streamlines your supply inventory.

Versatile features, superior imaging, and the expandable modular design make the economical e-studio20s the perfect connected solution for small businesses and workgroups. See the multifunction e-studio20s digital copier, available today, only at your Authorized Toshiba Dealer.

Copier Features:

- 20 PPM Digital Multifunction Device
- First Copy Out Time of 6 Seconds from Memory
- Auto Job Start
- AMS/APS
- Department Access Codes (99)
- Edge Erase Mode
- 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 64 MB Memory)
- X-Y Zoom
- Reduction & Enlargement (25% to 400%)
- 32 MB Image Memory (Expandable to 160 MB)
- Statement-R-to-Ledger Size Capacity
- 550-Sheet Paper Cassette (Standard)
- 3,700-Sheet Total Paper Capacity
- User Replaceable Toner Cartridge

Printing Features:

- Windows® GDI Parallel Port Printing (Standard) PCL6™, Postscript™ Level 2 Page Description Language
- 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 Client Operating Systems, Macintosh® 8.x (with PPD) • Supports Novell® NetWare® 3.x, 4.x, 5.x,
- Windows® NT 4.0, Windows® 95, 98, 2000, Macintosh® 8.x Network Operating System
- Supports IPX/SPX, TCP/IP, EtherTalk®, WINS, LPR/LPD, IPP Protocols
- Supports 10BaseT & 100BaseT I/O Interfaces

Facsimile Features:

- Super G3 33.6 Kbps Modem; JBIG Compression
- Walk-up Fax, Network 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 • 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
- 550-Sheet Paper Cassette for PFP
- 2,500-Sheet Large Capacity Feeder
- Single Position Stapling Finisher
- 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 Network Fax & Scan Software
- Internet Fax/Scan Kit