



Medium Workgroup

More features. More functions.  
More technology.



e-STUDIO™ 230  
e-STUDIO™ 280



23/28



Workgroup



Black & White

**TOSHIBA**  
Don't copy. Lead.

## The Toshiba e-STUDIO230/280.

# Impressive features with equally impressive benefits.

Toshiba introduces the new e-STUDIO230 and e-STUDIO280 – two multifunction products that can make any workgroup more productive. Both are compact units that deliver exceptional black and white printing, copying, scanning and faxing, along with a host of standard features you might not expect. Take, for instance, a fully tiltable, extra-large LCD panel that's refreshingly simple to use. Not to mention one thousand access codes to ensure there's always one when you need it. As well as superb duplex printing performed at the same speed as single-sided printing. And that's just for starters.

### e-STUDIO230/280



### There's efficiency. And then there's hyper-efficiency.

The e-STUDIO230/280 Digital Multifunction System prints at 23 PPM and 28 PPM, respectively, and scans at speeds of up to 60 pages per minute. Thanks to proprietary e-BRIDGE technology, these systems can perform printing and scanning, printing and faxing, even copying and scanning, all simultaneously.

And the efficiency story doesn't end there. These MFPs also have massive hard drives for storing frequently used documents – documents you can print directly from the LCD panel. And you can print two-sided documents at the same blazing speed as single-sided documents. You can also scan documents, save them on the hard drive or email them immediately. If you perform any tasks frequently, you can commit them to job memory by creating a template, then complete those tasks at the push of a button.

**Build  
to order:  
add trays,  
add functions,  
add hole punch.**



The large tiltable touch screen control panel is intuitive, easy to read and requires less menu "drill down".

**Large LCD display is easy to read and use.**

### All the right connections.

The e-STUDIO230 and e-STUDIO280 can make just about any type of connection – Ethernet, USB 2.0, optional Wi-Fi (IEEE802.11b) and Parallel (IEEE1284) interfaces. Thanks to e-BRIDGE technology, configuration time is almost zero. Just hook it up, and your MFP will automatically search for and make the connection.



# Features & Benefits

#### Build to Order

- Add on network printing and scanning as well as walk-up, network and internet faxing
- Add on a RADF, a PFP, or an LCF, 2 choices of finishers, offset tray or job separator, and a hole punch unit
- 3 connectivity options:
  - Print only
  - Print/Scan
  - Scan upgrade

#### Large Touch Screen Control Panel

- Improved organizational structure of the menu and increased distance between buttons and icons
- Less menu "drill down"
- Enhanced panel drawings with more accurate descriptions
- Improved retrieval of email and fax numbers with a unified address book

#### Environmentally Friendly

- ENERGY STAR compliant
- Lead-free, halogen free, chromium free
- 100% recycled toner (0% waste toner)
- Reduced ozone emissions

#### High Productivity and Reliability

- 74,000/90,000 Copies Per Month
- Electronic sorting
- Scan Once/Copy Many capabilities

#### Advanced Network Printing

- Advanced print features include Private Print, Scheduled Print, Print to e-Filing, and Proof Print
- Enhanced finishing options, such as stapling, duplexing, and hole punching

#### Fully Featured Facsimile Capabilities

#### Fast Scanning to Multiple Destinations



**“We can go from  
final document to delivery  
in a matter of minutes.”**

### The finishing touches.

Throw away your stapler. Pitch your hole-punch. Who needs a binder? These MFPs truly multitask, so you won't have to waste time doing the finish work. Also you may print directly onto envelopes as well as many other forms of media.

**100%  
Duplex  
Productivity**

And here are a few more reasons why this is a smart investment:

- One device can replace several others. One compact unit prints, scans, faxes and copies.
- With its small footprint (even when fully configured) valuable real estate is available for other uses.
- With a control panel user interface that's standardized across Toshiba MFPs, users don't have to relearn a system they're already familiar with.
- Upgrades are inexpensive and many can be completed in minutes, with the simple insertion of a USB enabler key.



### The sheer economic sense of it.

Selecting office equipment is no small investment. But now that you've read about the e-STUDIO230/280, you know how this multifunction system can increase office productivity.

## Black, white and green.

The preservation of our environment is important to all of us, and we've designed these systems accordingly. For instance, ozone emissions have been reduced significantly and toxins like lead, chromium VI, and halogen have been completely eliminated.

We also created an internal recycling system for toner, so that all of the toner is re-used

rather than wasted. Not only does this save waste toner from ending up in the landfills, it also helps you conserve another valuable resource – money. These may not seem like huge steps, but it's all the little things that make a big difference.



*Meet all your  
needs. And a few  
of the earth's.*







## Grow in spurts.

The e-STUDIO230 and e-STUDIO280 come prepared for just about anything. You can add the functionality you want, when you want it. That includes network printing, network scanning, and walk-up faxing. Best of all, these functions may be added in minutes (if not seconds) with a simple USB enabler key.

Of course, with all of that functionality, you might start to wonder if the two 550-sheet cassettes that come standard are enough. If not, you can always add additional paper sources for a total capacity of 3,700 sheets. Sure, that's a lot. But with everything these systems can do, even that won't keep them busy for too long.



Workgroup



*"Add the functionality you want, when you want it."*

**Network  
printing,  
network scanning,  
walk-up  
faxing**

Up to  
**5 Paper  
sources**



## BASIC COMPOSITION

<b>Copying Process</b>	Indirect Electrostatic Photographic Method (Dry Process)
<b>Copying Type</b>	Laser Electronic
<b>Original Reading Method</b>	CCD Line Sensor
<b>Type</b>	Desktop with Fixed Frame Design
<b>Original Table</b>	Stationary Platen
<b>Resolution</b>	2400 x 600 dpi/256 Gradations
<b>Print Speed</b>	23/28 PPM (Letter)
<b>Warm-Up Time</b>	Approximately 25 Seconds
<b>First Copy Time</b>	Approximately 5.4 Seconds (Letter)
<b>Duty Cycle</b>	74,000/90,000 Copies
<b>Multiple Copying</b>	Up to 999 Copies
<b>Acceptable Paper Size</b>	Statement-R (5.5" x 8.5") to Ledger (11" x 17"), 17-28 lbs.; Stack Feed Bypass 17-53 lbs. (110 lbs. Index)
<b>Acceptable Paper Type</b>	Standard Bond, Overhead Transparencies, Tab Sheets, Gummied Labels
<b>Memory</b>	128 MB, 40 GB HDD
<b>Reduction/Enlargement</b>	25% to 400%
<b>Bypass</b>	Stack Feed Bypass (100 Sheets), Envelopes
<b>Control Panel</b>	Graphic Display; Icon Based LCD Touch Panel; Key Top
<b>Paper Supply</b>	2 Standard Cassettes @ 550 Sheets (17-28 lbs.); 100-Sheet Stack Feed Bypass
<b>Toner Control Method</b>	Automatic Toner Density Monitoring and Dispensing from Toner Cartridge
<b>Dimensions</b>	25.1" x 28.15" x 29.09" (W x D x H)
<b>Weight</b>	Approximately 165 lbs.
<b>PM Cycle</b>	74,000/90,000
<b>Drum Type/Yield</b>	Organic Photoconductor/120,000
<b>Black Toner Yield</b>	22,000
<b>Black Developer Yield</b>	74,000/90,000
<b>Power Supply</b>	115 Volts; 60 Hz
<b>Power Consumption</b>	Maximum 1.5 kW

## COPY FUNCTIONS

<b>Special Features</b>	Access Codes (1,000), Alternation, Annotation, AMS/APS (RADF & Original Glass Except Bypass), Auto Job Start, Auto Cassette Change, Auto Trayless Duplex, Auto Energy Saver, Auto Sleep Mode, Cover Sheet, Dual Page Copying, Edge Erase, e-Filing, Electronic Sort, Energy Saver, Image Shift, Interrupt Memory, Job Build, Job Memory - Templates, Job Reservation (Scan Ahead) - 5 Jobs, 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
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## COPY OPTIONS

<b>MR3016 - Reversing Automatic Document Feeder (RADF)</b>	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
<b>KD1011 - Paper Feed Pedestal</b>	550-Sheet Pedestal; Statement-R to Ledger (17-28 lbs.); Able to be Upgraded with Second 550-Sheet Statement-R to Ledger Tray (17-28 lbs.)
<b>MJ1021 - Cassette Module</b>	550-Sheet Drawer; Statement-R to Ledger (17-28 lbs.)
<b>KD1012 - Large Capacity Tray</b>	2,500-Sheet Drawer; Letter (17-28 lbs.); Stacks Side-By-Side (2 x 1,250)
<b>MJ5004 - Job Separator</b>	Attaches to Inner Exit Compartment; Upper Tray 150-Sheet Capacity, Lower Tray 250-Sheet Capacity
<b>MJ5005 - Offset Catch Tray</b>	Attaches to Inner Exit Compartment; 250-Sheet Paper Capacity
<b>MJ1022 - Single-Position Hanging Finisher</b>	2 Tray; Hanging Design; Non-Sort/Sort/Group/Staple Sort; Output: Face Down; Paper Size: Statement-R to Ledger. Tray 1 Stack Capacity: 200 Sheets (Lt); Tray 2 Stack Capacity: 700 Sheets (Lt); Staple Capacity: 30 Sheets (Lt/Lt-R, 22 lbs.); Locations: Rear Single Position Staple (Slant)
<b>MJ1025 - Multi-Position Stapling Finisher With Saddle-Stitch</b>	1 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); Staple Capacity: 30 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, 10-Sheet Capacity (Lt/Ld); Center Folding
<b>KN3520 - Bridge Kit</b>	Required with either the MJ1022 or MJ1025 Finishing Options
<b>MJ6005 - Hole Punch Unit</b>	2 or 3 Hole Punch Capability (for MJ1025 Only)
<b>KA3511 - Platen Cover</b>	Protective Cover for Glass Platen
<b>KK3511 - Work Tray</b>	Work Tray

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e-STUDIO230/280 Brochure/Inv. Code ES2302801

## PRINT FEATURES

<b>Processor</b>	266 MHz
<b>Memory</b>	128 MB; 40 GB HDD
<b>Print Resolution</b>	2400 x 600 dpi (w/Smoothing)
<b>Print Speed</b>	Equivalent to Engine Speed
<b>Duty Cycle</b>	Equivalent to Engine Duty Cycle
<b>Page Description Language Support</b>	Standard: PCL6™, PostScript™ 3
<b>Multiple Prints</b>	1-999
<b>Page Orientation</b>	Portrait or Landscape
<b>Simplex/Duplex</b>	Simplex & Duplex Printing Available
<b>Duplex Modes</b>	Short Edge Bind/Long Edge Bind
<b>Finishing</b>	Sort/Group/Alternation (With 2nd Paper Source; All Optional Finishing Capabilities)
<b>Paper Sources</b>	All Available Sources + Stack Feed Bypass
<b>Network Operating Systems Support</b>	NetWare® 4.x, 5.x, 6.x, Windows® 98, 2000, Me, Windows® NT 4.0, XP, Citrix® Metaframe®, Macintosh®
<b>Protocol Support</b>	IPX/SPX, TCP/IP, NetBEUI, EtherTalk®, LPR/LPD, IPP, WINS, SNMP, SMB
<b>Drivers</b>	Windows® 98, 2000, Me, Windows® NT 4.0, XP; Macintosh® OS 8.6, 9.x, 10.x (With PPD), UNIX®
<b>I/O Interfaces</b>	10/100BaseT
<b>Special Features</b>	Cover Page, DocMon® - Document Monitoring Utility, Magazine Sort, Mixed Size Printing, Overlays, Private Print, Proof Printing, Saddle-Stitch/Booklet Mode, Scheduled Print Sheet Insertion, Store-to-e-Filing, Tab Print, TopAccess™ Device Management, Watermark Print

## SCAN FEATURES

<b>Scanning Method</b>	CCD Line Sensor
<b>Gray Scale</b>	256 Gradations
<b>Maximum Paper Size</b>	Input: Ledger, Output: Ledger
<b>Maximum Scan Capacity</b>	1,000 Pages or Capacity of HDD
<b>Scan Resolution</b>	150 dpi, 200 dpi, 300 dpi, 400 dpi, 600 dpi
<b>Scan Speed</b>	Up to 60 PPM, 45 PPM (@ 600 dpi)
<b>Document Input</b>	RADF or Platen
<b>File Format</b>	TIFF-MMR, TIFF-S, PDF
<b>Special Features</b>	Scan-to-File (HDD or Network Folder), Scan-to-FTP, Scan-to-Email, Scan-to-e-Filing, Scan-to-Twain, Scan-to-Internet Fax

## FACSIMILE FEATURES

<b>Operation Method</b>	Touch Screen Fax Panel or LAN-Fax
<b>Compatibility</b>	Super G3
<b>Data Compression</b>	MH/MR/MMR/JBIG
<b>Transmission Speed</b>	Approx. 3 Seconds Per Page
<b>Fax Modem Speed</b>	33.6 Kbps
<b>Fax Memory</b>	240 MB Transmission; 120 MB Reception; 40 GB HDD Back-Up
<b>Memory Transmission</b>	100 Jobs; 1,000 Destinations Max; 400 Destinations/Job
<b>Scanning Method</b>	CCD Line Sensor
<b>Scan Speed</b>	.7 Seconds Per Page; 50 Scans Per Minute
<b>Gray Scale</b>	256 Gradations
<b>Maximum Paper Size</b>	Input: Ledger, Output: Ledger
<b>Document Input</b>	RADF or Platen
<b>Special Features</b>	Automatic Redial (Up to 14 Times), Broadcasting (Max. 1,000 Destinations), Chain Dialing, Delayed Transmission, Direct Transmission, Double Sided Scanning and Reception, Dual Access, Group Dialing (Max. 200 Groups/400 Destinations/Group), Optional Second Line, PC/LAN Faxing, Phone Book (1,000 Addresses), Polling, Priority Transmission, Public Mailbox (F-Code), TX/RX Reporting

## E-FILING FEATURES

<b>Operation Method</b>	Touch Screen Control Panel or Client PC
<b>Number of Boxes</b>	1 Public Box; 200 Private User Boxes
<b>Capacity of Boxes</b>	100 Folders Per Box; 400 Documents Per Folder; 200 Pages Per Document
<b>File Format</b>	TIFF-MMR, TIFF-S, PDF, TAC
<b>Special Features</b>	Scan-to-e-Filing Box, Print-to-e-Filing Box, Fax-to-e-Filing Box, File Downloader Software, TWAIN Driver Utility

## CONNECTIVITY OPTIONS

<b>GM1020 - Print Enabler</b>	Enables Network Printing
<b>GM2020 - Print &amp; Scan Enabler</b>	Enables Network Printing & Network Scanning
<b>GM3020 - Scan Upgrade Enabler</b>	Enables Scanning; Requires Print Enabler (GM1020)
<b>GD1150 - Fax Board</b>	Fax Board, 33.6 Kbps Modem
<b>GD1160 - 2nd PSTN Line</b>	Optional Second Line
<b>GN1010 - Wireless LAN Adapter</b>	Enables Wireless 802.11b Network Printing
<b>GO1040 - PCI Slot</b>	Peripheral Component Interconnect Slot

Designs and specifications subject to change without notice. For best results and reliable performance, always use supplies manufactured or designated 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. Toner yields are estimates, based on 6% coverage, letter-size page. Driver and connectivity feature support varies by client/network operating system.

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