

TOSHIBA
Leading Innovation >>>

Make a big impact on your workflow.

The exceptionally fast, remarkably efficient monochrome solution.



e-STUDIO™ 233/283



e-STUDIO™ 233/283

Efficiency and room to grow.

THE FLEXIBILITY
TO GROW AS
YOUR WORKFLOW
CHANGES.

Versatile and expandable.

Business workflows are constantly changing. In order to keep pace, there's no better document solution than Toshiba's e-STUDIO233/283. These extremely flexible Multifunction Devices (MFD) not only offer productivity right out of the box, but the e-STUDIO233/283 also provide the flexibility to grow as your workflow changes. With it, mid-sized workgroups can streamline organisational resources by allowing diverse, networkable products to work together smoothly. They deliver crisp, black and white, 23 and 28 pages-per-minute (PPM) output as well as all the functionality – copy, print, scan, and fax – your busy office environment will ever need.

Not only can the e-STUDIO233/283 expand with your workflow, they offer a host of impressive standard features you'd expect to find on much more expensive devices. These include trayless duplexing, 2,400 x 600 dpi resolution, two large 550-sheet cassettes, and an additional 100-sheet stack feed bypass to accommodate heavier stock papers and envelopes.

Open Platform – expanding business horizons

At the heart of the e-STUDIO233/283 beats Toshiba's Net-Ready architecture and its innovative e-BRIDGE hardware platform. These tested and proven technologies allow the devices to complete a variety of tasks simultaneously. Now you can print and scan, print and fax, even copy and scan – all at the same time. By intelligently controlling multiple functions, the e-STUDIO233/283 let you tailor the way you process information to match the way you work.

Bold and intuitive.

If your workgroup consists of up to 20 users, these are the perfect devices for you.

- > The touch screen control panel tilts up to 45 degrees and provides easy access to frequently used features.
- > Modular, built-to-order configuration lets you assemble the devices based on your unique workflow and paper-handling requirements.
- > Completely expandable at time of purchase or in the future, from standalone copying device to fully integrated copier, printer, scanner, and fax.



233/283



Grow your workflow without breaking your budget

Flexibility, quality, and exceptional value.

The e-STUDIO233/283 can grow with your business. Their innovative design let you maintain the same footprint even as you add additional functionality. And upgrading is easy. A print-only enabler or a combined print/scan enabler is activated via a small USB enabler key. Capabilities like these let you turn the e-STUDIO233/283 into a fully-connected, network document processing system.

Turn it on and be productive.

Optional Re-Rite® and Re-Find™ document imaging and distribution software transform your Toshiba e-STUDIO MFDs into information hubs. They integrate hardcopy documents directly into the workflow of critical business processes. Additionally, easy-to-use administration tools let you manage multiple devices from one central location.



Productivity to spare

Utilize the specified speed range of the product to its full extent with 100% duplex productivity vs. single-sided printing. Additionally, sophisticated document finishing options include multi-position stapling, bookletmaking, and hole punching.

Reliable by design

The e-STUDIO233/283 incorporate four service modules that make it simple to address the most frequently serviced components. And with innovations such as a Scan Once/Copy Many feature, you reduce overall wear and tear on the device.

Large jobs are simplified

Gain an impressive 3,700-sheet capacity from two standard cassettes and a variety of optional paper configurations.



A truly green machine

- > Closed cycle toner recycling technology for a lower overall environmental impact.
- > Completely Energy Star, Reduction of Hazards Substances and WEEE compliant.
- > Lead-free, halogen-free, and chromium free manufacturers process.

Innovative features

Toshiba's proprietary e-FILING feature makes it easy for users to access their e-FILING box, store documents, and scan in new documents. Using the e-Filing web-browser, combined with downloading software and TWAIN drivers, you can extend capabilities to merge and edit stored documents as well as download files to the desktop.

Easy operation

The new, large VGA touch screen control features oversized graphical icons that emulate Toshiba's familiar high-end multifunction systems.

Maximum productivity

Proprietary templates offer fast and convenient access to frequently used settings. It can even execute various jobs simultaneously.

Versatile paper handling

Need to print on thick paper or transparencies? The 100-sheet bypass tray is perfect for specialty stock including envelopes.



233/283

Big features and security, small footprint and cost.

Everything about the e-STUDIO233/283 is impressive, particularly when you consider that they unify four functions – standard copying, plus optional network printing, faxing, and scanning – for an effortless interchange of information through both intranet and Internet channels. In addition to their small footprint and flexible capabilities, the e-STUDIO233/283 boast a long list of features.

Modular Architecture

The e-STUDIO233/283 are fully customisable. Add network printing, scanning, walk-up faxing, network faxing, and Internet faxing easily, and at any time.

Advanced Network Printing

Toshiba's e-BRIDGE architecture activates network printing with the addition of a USB key. Advanced print features include Private Print, Scheduled Print, Print to e-FILING, and Proof Print – the kind of functionality usually not available on standalone printers.



Expand your capabilities with Toshiba's exclusive e-BRIDGE technologies:

> e-BRIDGE Re-Rite

Convert scanned documents into 17 easily-editable file formats, including .doc, .html, .pdf, and more, with the touch of a button.

> e-BRIDGE Job Separator

Perform simple batch printing operations to your e-STUDIO MFD from any Windows application.

> e-BRIDGE Job Build

Combine multiple documents – even of different file types and options – into a single print job.

TopAccess Remote Administration Enabled

These devices employ a powerful, web-based job and device management tool by utilizing a website designed for the end user and one for the network administrator.

Fast Scanning to Multiple Locations

Scan directly to the large 40 GB hard drive. The e-STUDIO233/283 also support scan to file, scan to email, scan to e-FILING, and TWAIN compliant scanning. Now you can integrate easily with different types of document workflow scanning requirements.

Full-Function Faxing

Optional fax board supports walk-up and network fax capabilities so users can gain entry to the device's address book or the e-STUDIO address viewer to access additional private or public fax numbers.

Value, Through and Through

Multifunction capabilities and increased paper-handling options make the e-STUDIO233/283 a perfect fit for a variety of business processes and document management workflows. They're completely expandable at the time of purchase or anytime in the future – providing the flexibility of a standalone copying device, a fully integrated copier, printer, scanner, and fax.

Safe and Secure

The e-STUDIO233/283 are ready to be as secure as you need them to be. They offer a data overwrite feature that writes over the data after each job is processed to protect confidential information. Plus, an optional scrambler board encrypts hard drive data to secure stored documents. If that's not enough, complete LDAP authentication provides an additional layer of security by controlling by controlling access to the device.

233/283

Build to order – flexible configuration



Options

Fax	Fax Board Fax 2nd Line Board
Wireless	Wireless LAN Adapter Antenna
Other	Data Overwrite Kit PCI Slot Scrambler Board Parallel Interface Board Harness Kit for Coin/Card Controller Re-Rite™ OCR Package e-Bridge Device Manager

Copy Features

- > Access Codes (1,000 Department / 10,000 User)
- > Annotation (Date / Time Print)
- > AMS / APS (RADF and Platen)
- > Auto Job Start
- > Auto Cassette Change
- > Auto Trayless Duplex
- > Auto Energy Saver
- > Auto Sleep Mode
- > Cover Sheet
- > Dual Page Copying
- > Edge Erase
- > e-FILING (Document Storage)
- > Electronic Sort
- > Energy Saver
- > Image Shift
- > Interrupt
- > Job Templates
- > Job Reservation (Scan Ahead)
- > Magazine Sort (Booklet-Making Mode)
- > Mirror Image
- > Negative / Positive
- > Page Numbering
- > Security
- > Sheet Insertion
- > Weekly Timer
- > X-Y Zoom
- > 2-in-1, 4-in-1, 8-in-1 Duplex

Print Features

- > Cover Sheet
- > DocMon – Document Monitor Utility
- > Duplex Printing
- > Hole Punch
- > Magazine Sort
- > Mixed-Size Printing
- > Private Print
- > Proof Print
- > Saddle-Stitch / Booklet Mode
- > Scheduled Print
- > Sheet Insertion
- > Stapled Sets
- > Store to e-FILING
- > Watermark

Scan Features

- > Scan-to-File
- > Scan-to-e-FILING
- > Scan-to-Email
- > TWAIN Compatible

Device Management Features

- > Access Limitations
- > Automatic Supply Ordering
- > Email or Fax Notification for Counters and Preventive Maintenance
- > Department Code Enforcement
- > Email Notification for Service Calls
- > TopAccess Device Management Utility

Fax Features

- > Address Book (1,000 Addresses)
- > Automatic Redial
- > 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
- > Network Faxing
- > Polling
- > Priority Transmission
- > Public Mailbox (F-Code)
- > Route Fax to Folder/Email/ e-FILING
- > TX / RX Reporting

GENERAL	
Type Printing/Copying process Original scanning method Paper input capacity (80g/m², A4)	Desktop Indirect electrostatic photographic method CCD line sensor Standard: 550 sheets x 2 (Drawer), 100 sheets (Bypass) Optional: 550 sheets x1 (Paper Feed Pedestal), 550 sheets x1 (Optional drawer for Paper Feed Pedestal) 2,500 sheets (Large Capacity Feeder) Standard: A3-A5R (Drawer), A3-A5R (Bypass), A3-A5R (Duplex) Standard: 64-105g/m ² (Drawer), 64-209g/m ² (Bypass), 64-105g/m ² (Duplex) COM10, Monarch, DL, YOU-4, CHO-3 Standard PowerPC/333MHz: Shared Main Memory: 256MB: Shared/Page Memory: 32MB: Shared 40GB+: Shared Approx. 25 seconds Max. 1.5kW (220-240V) 637mm x 719mm x 739mm, Approx. 76.6kg
Paper size Paper weight	
Envelopes ADU (Automatic Duplexing Unit) Processor Memory Hard disk drive Warm-up time Power consumption Dimensions (W x D x H) & weight	

COPYING FUNCTIONS	
Acceptable originals Original size Copy size Resolution	Sheet, book, three dimensional objects A3-A5R A3-A5R Scanning: 600dpi x 600dpi Printing: 600dpi x 600dpi (with smoothing: 2,400dpi x 600dpi) 256 steps 23/28cpm (A4) 45/45spm (A4) 5.4 seconds Up to 999 copies Text, Text/Photo (Default), Photo, Custom mode Zoom: 25-400% in 1% increments (Platen), 25-200% in 1% increments (RADF) Automatic/Manual (11 steps) Automatic toner density method
Gradation Copying speed Original scanning speed First copy time Multiple copying Copy mode Reproduction ratio	
Exposure control Copy density control Major features	•Energy Saver •Trimming/Masking •Department Code (1,000 kinds) •Cover Sheet •Sheet Insertion •X-Y Zoom •Proof Copy •Magazine Sort •Alteration •2-in-1, 4-in-1, 8-in-1 •Annotation (Date/Time Print) •Job Reservation •Rotation Copy •Thick Paper mode

PRINTING FUNCTIONS (Option)	
Print engine resolution Printing speed Drivers	2,400dpi x 600dpi (with smoothing) 23/28ppm (A4) Windows® 98/Me/2000/XP/Server2003 (32/64 bit), Vista Windows® NT 4.0, Macintosh® 8.6, 9.x, X ver 10.1/10.2/10.3 (PPD),UNIX (HP-UX, Sun Solaris 2.6, 2.7, 7.8, 8, IBM AIX, SCO), linux, CUPS 10/100BaseT, Full-speed USB, Optional IEEE802.11b/g (WiFi), Windows® Server2003 (32 bit), 2000, NT 4.0 including terminal edition 2000, Citrix® MetaFrame XP, NetWare® TCP/IP, IPX/SPX, EtherTalk, IPP, SNMP, HTTP PCL6®, PostScript® 3™, XPS
Interface	
Network OS	
Protocols PDL Major features	•Proof Print •Private Print •Scheduled Print •Duplex Printing •Watermark Printing •N-up Printing •Mixed-size Printing •Magazine Sort •Image Overlay •Front/Back Cover Insertion •Page Insertion •Save to Box (e-filing) •Department Codes Control •Email Printing

SCAN FUNCTIONS (Option)	
Scanning speed Scanning resolution PDF Security Password Encryption Authority File format Protocols Major features	50spm (A4, 400dpi) 600, 400, 300, 200, 150dpi User, Master 40 bit, RC4, 128 bit RC4 Print, Change, Extract, Accessibility TZWAIN, TIFF/PDF (single and multi page), XPS SMB, FTP, IPX/SPX, WS SCAN
•2-sided Scan •Image Rotation •Mixed Size Paper scanning •Scan to Email •Scan to file (SMB, FTP) •Scan to e-filing	

ELECTRONIC FILING FUNCTIONS	
Number of boxes Number of folders Number of documents Number of pages Capacity of HDD Input to box	Public Box: 1, User Box: 200 100 folders per Box 400 documents per Box/Folder 1,000 pages per document 5GB Copy to Box, Print to Box, Received Fax to Box, Received Internet-Fax to Box and Scan to Box (depending on installed options) TZWAIN Driver, File Downloader
Box N/W access applications	

INTERNET-FAX FUNCTIONS (Option)	
Connectivity supported Format of sent attachments Scanning original document size	T.37 (Simple Mode) TIFFS A3-A5R (A3 & B4: Image will be reduced to A4 size and transmitted.) 200dpi
TX resolution Major features	•Off Ramp Gateway •Telephone Book (1,000 destinations)

NETWORK FAX FUNCTION (Option)	
Compatibility Drivers Major Features	Standard: Internet-Fax, Option: Super G3, G3 Windows® 98/Me/2000/XP/Windows® NT 4.0 •Incoming fax routing to file or email, Address Book, broadcasting

NETWORK/DEVICE MANAGEMENT UTILITY	
•TopAccess™ •TopAccessDocMon •Auto notification of events, total counter, PM, service call •e-Bridge Device Manager (optional)	

AUTHENTICATION	
Device Admin Department Codes (1000) User codes (10,000) Role Based Access (10,000)	10 Digit (Alphanumeric) with invalid account block Copy, fax, print, scan (with user limits and reporting) MFP local, LDAP, WINDOWS DOMAIN User role control (Copy, Fax, Internet fax, Scan, Print, e-FILING, Address Book, Templates, Colour.)
Scan to Email before SMTP) LDAP Ver.3.0 (SASL/PLAIN/CRAM-MD5/Digest-MD5/Kerberos) SSL Print e-Filing Templates	SMTP (Plain/Login/CRAM-MD5/Digest-MD-5/Auto, STARTTLS/OverSSL, POP HTTP, IPP, LDAP, SMTP, POP, FTP Private Print (63 character alphanumeric) 200 user boxes (5 digit pin) 12,00 templates (5 digit pin)

OPTIONS	
Printer Kit GM-1071	
1071 Printer/Scanner Kit GM-2071	
2071 Scanner Kit GM-4070	

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DISTRIBUTED BY

Fax Board GD-1151	
1151 Usable circuits Communication mode Number of lines Modem speed Data compression Transmission speed Memory capacity Transmission resolution	Public Switched Telephone Network (PSTN) Super G3, G3 1 line (2nd line optional) Max. 33.6 kbps JBIG, MMR, MR, MH Approx. 3 seconds per page 500MB (TX) 120MB (RX) Direct/Memory transmission: 8 x 3.85 line/mm, 8 x 7.7 line/mm, 8 x 15.4 line/mm, 16 x 15.4 line/mm 8 x 3.85 line/mm, 8 x 7.7 line/mm, 8 x 15.4 line/mm, 16 x 15.4 line/mm 24 x 23.1 line/mm, 23.1 x 24 line/mm Text, Photo/Text, Photo 256 levels (Error diffusion) 23/28ppm (A4)
Reception resolution	
Print resolution Scanning mode Grey scale Printing speed Major features	•Telephone Book (1,000 destinations) •Broadcasting •Automatic Redialling •Group Dialling (200 groups, 400 destinations per group) •Chain Dialling •Delayed Transmission •Recovery Transmission •Polling •Mailbox (F-code) •Batch Transmission


RADF (Reversing Automatic Document Feeder) MR-3020	
Original capacity Original setting Available original size & weight Dimensions (W x D x H) & weight	100 sheets (A4, A3) (up to 1,000 pages in continue mode) Faceup A3-A5R, 35-157g/m ² (single sided), 50-157g/m ² (double sided) 600mm x 523mm x 135mm, 12.5kg
Large Capacity Feeder KD-1012 Paper supply Available paper size & weight Dimensions (W x D x H) & weight	2,500-sheet A4, 64-105g/m ² 530mm x 577mm x 307.5mm, 27kg
Paper Feed Pedestal KD-1011 Paper supply Available paper size & weight Dimensions (W x D x H) & weight	550-sheet cassette A3-A5R, 64-105g/m ² 530mm x 577mm x320mm, 21.5kg
Drawer Module MY-1021 Paper supply Available paper size & weight Dimensions (W x D x H) & weight	550-sheet cassette A3-A5R, 64-105g/m ² 526mm x 569mm x 107mm, 3.8kg





Desk MH-1700	
Finisher (Hanging type) MJ-1022 Trays Capacity & paper weight	2 Non-sort/Sort/Group: Top bin — 200 sheets (A5R-A4R), 140 sheets (B4), 100 sheets (A3), 80g/m ² Bottom bin — 700 sheets (A5R-A4R), 490 sheets (B4), 350 sheets (A3), 80g/m ² Staple sort: Top bin — 30 sets or 170 sheets (A4), 30 sets or 110 sheets (B4), 30 sets or 80 sheets (A3), 80g/m ² Bottom bin — 50 sets or 600 sheets (A4), 50 sets or 400 sheets (B4), 50 sets or 300 sheets (A3), 80g/m ² A3-A5R, 50-209g/m ² 30 sheets (A4, 80g/m ²) Single-position 415mm x 539mm x 590mm, Approx. 17kg
Paper size & weight Staple capacity Staple position Dimensions (W x D x H) & weight	
Finisher (Saddle-stitch type) MJ-1025 Trays Capacity & paper weight	1 Non-sort/Sort/Group: 1,000 sheets (A5R-A4), 600 sheets (A4R-A3), 80g/m ² Staple sort: 30 sets, 160mm or 1,000 sheets (A4), 30sets, 97mm or 500 sheets (A4R-A3), 80g/m ² A3-A5R, 64-209g/m ² 50 sheets (A4, 80g/m ²) Multi-position (3 kinds), Saddle stitch Paper size: A3-A4R Staple capacity: 10 sheets (80g/m ²) 538mm x 603mm x 1,011mm, approx. 38kg

Hole Punch Unit MJ-6005 (for the MJ-1025 Finisher) Job Separator MJ-5004 Capacity & paper weight	Upper tray: 25mm or 150 sheets (80g/m ²) Lower tray: 40mm or 250 sheets (80g/m ²) Upper tray: A3-A5R, 64-105g/m ² Lower tray: A3-A5R, 50-209g/m ² 498mm x 415mm x 153mm, 3.3kg
Paper size & weight Dimensions (W x D x H) & weight	
Offset Tray MJ-5005 Capacity & paper weight Paper size & weight Dimensions (W x D x H) & weight	39mm or 250 sheets (80g/m ²) A3-A5, 50-209g/m ² 500mm x 415mm x 169mm, 3.5kg
Bridge Kit KN-3520	Prerequisite for installation of Finisher
Platen Cover KA-3511PC Dimensions (W x D x H) & weight	546mm x 489mm x 44.4mm, 1.6kg
Work Tray KK-3511 Dimensions (W x D x H) & weight	282mm x 471mm x 108.2mm, 1.1kg


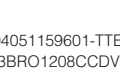
Fax 2nd Line Board GD-1260 1260 Wireless LAN Module GN-1041 Antenna GN-3010	Prerequisite for installation of Wireless LAN Module
Data Overwrite Kit GP-1060 Scrambler Board GP-1040 PCI Slot GO-1060	Prerequisite for installation of Scrambler Board
Harness Kit for Coin Controller GQ-1020 Memory GC-1230	

ISO 9001 and ISO 14001 Certifications	
These highly acclaimed certifications are recognised worldwide as measures of top quality and environmental management excellence. They are awarded to manufacturers for facilities and practices meeting strict standards set by the Geneva based International Standardization Organization. To date, four copier sales affiliates and all Toshiba TEC manufacturing facilities where copiers, accessories, supplies and parts are produced have received ISO 9001 certification, while four copier sales affiliate and all Toshiba TEC manufacturing facilities have received ISO 14001 certification — even more reasons to count on Toshiba.	

As an ENERGY STAR Partner TOSHIBA TEC CORPORATION has determined that this multifunctional device model meets the ENERGY STAR guidelines for energy efficiency.	
These multifunctional devices comply with the Wi-Fi standard.	









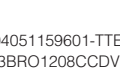
YES TESTED & APPROVED Novell	
Designed for Microsoft® Windows® Server 2003, Windows® XP Server	
Designed for Microsoft® Windows® XP Windows 2000	
Common Criteria Certified	

Works with Windows Vista™	
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THE TOSHIBA GD1150 Facsimile Board may be connected to the Network Network	
PTC 211 / 03 / 077	

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ENERGY STAR	
Wi-Fi CERTIFIED	
NOVELL	
Microsoft Windows Server 2003, Windows XP Server	
Microsoft Windows XP, Windows 2000	
Common Criteria Certified	
Works with Windows Vista™	
THE TOSHIBA GD1150 Facsimile Board may be connected to the Network Network	
PTC 211 / 03 / 077	

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