TOSHIBA







The all-in-one solution for all office needs.



A high-performance MFP satisfying a wide range of business needs while delivering heightened security.

E-STUDIO233



Incorporating the 2nd generation e-BRIDGE Controller, the high-performance e-STUDIO233 has been developed to satisfy today's elevated office demands with diverse networking versatility, enhanced image quality and tightened security measures. What's more, it confers the advantage of minimum TCO (Total Cost of Ownership) through extended toner life and various improvements that streamline office workflow.

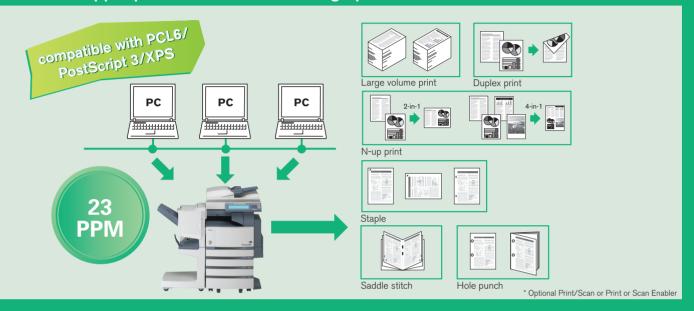
Toshiba's 2nd generation e-BRIDGE

The Toshiba's e-BRIDGE technology takes MFP performance to a satisfying new level. Supporting more efficient performance, it accelerates the workflow of the entire network. Enabling tighter security, it provides administrators with effective management, password assurance and the ability to restrict access by department or even individual with user-friendliness.



Higher performance for new productivity.

Swift 23 ppm performance and finishing options



Private Print allows users to print out confidential documents.

Once the jobs are sent to the hard disk of the e-STUDIO233, the user simply enters his or her password on the Touch Panel Display to gain access.

Simply convenient is the **Proof Print** function, which allows users to print out just a single copy of a multiple page document for checking purposes prior to volume production. This function could save a great deal of papers and toner consumption if an error is spotted during the proof.

■ Enhanced Print for optimal print quality

Toshiba's proprietary filter processes every pixel of an image to ensure accurate contrast, smooth gradations. What's more, the e-STUDIO233 employs Toshiba's edge processing technology, which ensures edges are clear and smooth for both copied and printed text and graphics.

■ Job Separator

An optional Job separator allows output to be easily distinguished by placement in different areas. Creating two

"bins" in the Inner Exit Tray area, it allows fax jobs to be fed into the upper space, for example, while print and copy jobs are automatically directed to the one below.



Offset Tray

An optional Offset tray allows simple sorting in minimal space, by "staggering" an output job for instant recognition.



■ Two optional finishers

Because each office have unique demand, Toshiba offers a choice of two optional finishers, each of which has stapling and sorting capability. Simply select the one that best suits your

business from a hanging type finisher, and a console finisher. The console finisher also allows for multi-position stapling and saddle-stitching.

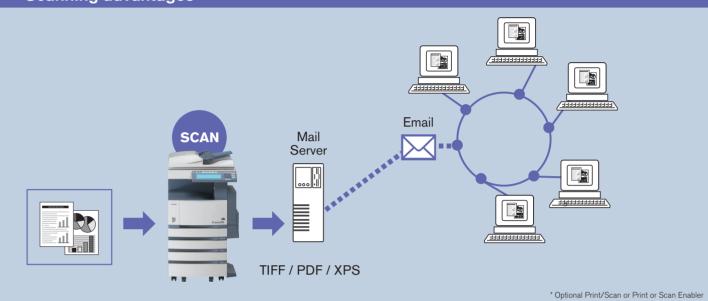


■ Hole Punch Unit

A console finisher offers an additional advantage of having Hole Punch capability. This option allows you to punch sets of documents with holes for easy binding.

The power of 50spm high-speed scanning.

Scanning advantages



Optional scanning capability makes it easier to convert paper documents into electronic files without the need for separate applications. One of the many scanning benefits are better document management with easy sharing, editing or combination with other documents. The e-STUDIO233 brings you all of these benefits at an impressive scanning speed of 50* sheets per minute.

Scan-to-file

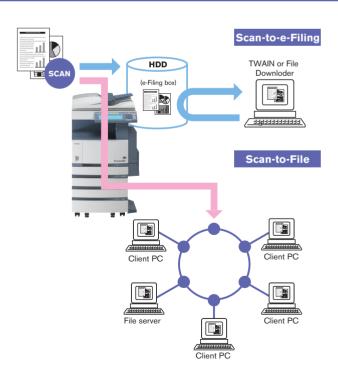
This handy function allows pages to be scanned in either TIFF, PDF or XPS formats that will be sent automatically to a file server or client PC for easier access.

Scan-to-e-Filing

Scan-to-e-Filing allows data to be stored in the Hard Disk Drive (HDD) of the e-STUDIO233 for output to print at any time in the future. This stored information can be merged with ease and even combined with data from different sources.

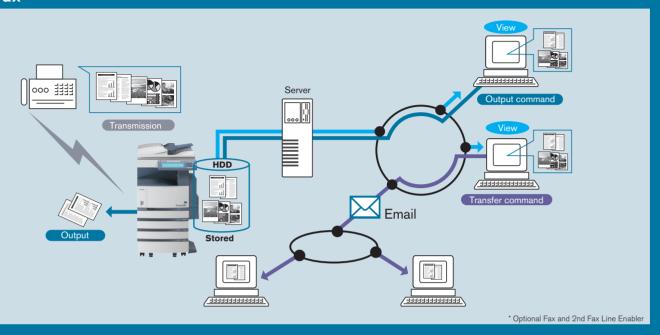
Scan-to-Email

Scan to Email allows paper documents to be digitised in either TIFF, PDF or XPS formats, attached to Email, and be swiftly sent in one smooth operation.



Print the pages you need; respond with greater speed.

Fax



The e-STUDIO233 offers the convenience of Network-Fax, which enables paperless transmission, as well as the ability to store received faxes on your server or redirect them to Email — giving you the power to print only what you want, when you want. The optional Fax board and RADF add versatility and speed. For transmission, the RADF feeds originals continuously and automatically, even if they are double-sided. And for more cost effective, eco-friendly reception, adding the Automatic Duplexing Unit (ADU) allows double-sided output.

Super G3 Fax

Super Ġ3 Fax allows each page to be sent at the impressive speed of only 3 seconds*, without compromising image quality. *Under optimum conditions. Transmission speed may vary depending on provider, conditions. etc.

Network Fax

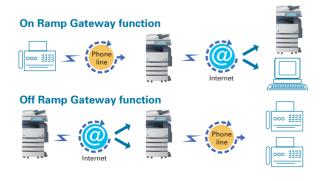
Network Fax allows faxes to be sent directly from any PC in the network. The function also supports networked fax reception too, using ITU-T F-code communication.

Internet Fax

Internet Fax makes use of Internet connection to support international or long-distance faxing with minimised cost.

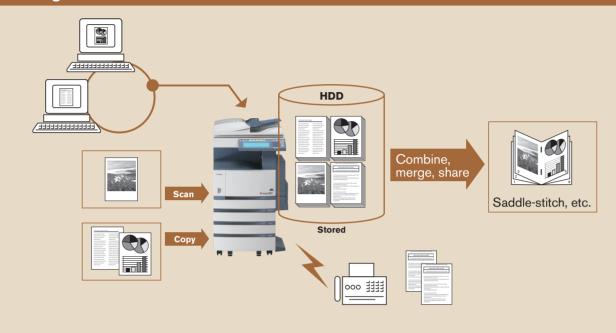
On Ramp/Off Ramp Gateway functions

On Ramp Gateway allows documents to be received from F-code compatible G3 faxes and relayed to other Internet fax machines or PCs, while selection of the Off Ramp Gateway lets you turn the e-STUDIO233 into a communications hub — receiving Email and forwarding the messages to other offices as faxes via the Public Switched Telephone Network (PSTN). Furthermore, the e-STUDIO233 uses the Internet for long distance faxes and the PSTN for local faxes, ensuring the most economical transmission type for each. It also allows both On Ramp and Off Ramp Gateway functions to be set to work simultaneously.



e-Filing adds versatility to file creation and storage.

e-Filing



Whether dealing with standard copy jobs or optional copy, fax, print or scan jobs, the e-STUDIO233 can store all data in the e-Filing box. Up to 200 individual User Boxes can be set up easily by the administrator or individual users. A Public Box is also made available that can be accessed by everyone within the network.

■ Box and folder convenience

The e-STUDIO233 offers a range of related functions that ensure user-specific security, as well as the convenience of operation via the client PC or the control panel.

■ e-Filing Web utility The e-Filing Web utility allows each member of the network to benefit from the

convenience of e-Filing, with simple browser-based control and user-friendly thumbnail display.

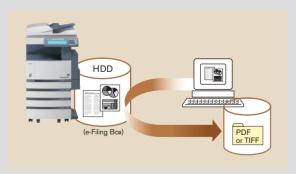


Simultaneous storage and job execution

For additional versatility, storage can be done at the same time a job is carried out, allowing you to save on unnecessary time and effort.

■ Standard File Downloader/TWAIN driver

Through use of the exclusive File Downloader/TWAIN driver application, all stored data can be easily saved in PDF/TIFF/XPS format on your PC via the network.



Just select a template and let e-STUDIO233 does the rest.

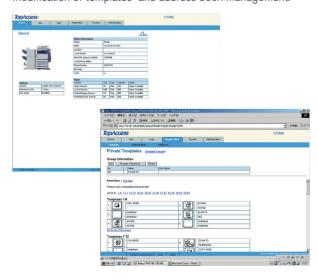
Time-saving Template function



Exceptional time-saving convenience comes in the form of the handy, highly versatile Template function, which allows frequently used settings to be saved to increase efficiency during scanning, copying, faxing and e-filing. This useful function allows extremely easy template registrations of even the most complex combinations of settings, making them available for future usage with just a single touch. Thanks to its standard HDD, the e-STUDIO233 allows up to 12,060 templates to be registered in an easy-to-understand layer format — that's 60 templates for each 200 individual group of users plus another 60 for public use. These can be created via the control panel. And for further control, the function also provides the user with the ability to preset elements such as resolution, recipient address, and finishing options too.

TopAccess

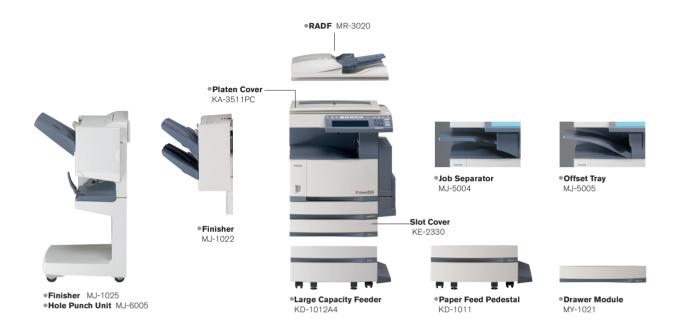
This innovative function adds browser-based convenience to job and device management. It allows control to be taken from any PC in the network and even supports the creation and modification of templates and address book management.



■ TopAccessDocMon

TopAccessDocMon empowers every member of the network with integrated control over jobs and devices. It also serves to reduce downtime by sending pop-up alerts to PCs when the e-STUDIO233 requires attention, or when paper needs to be replenished.

Various options are available to suit your requirements.



ADU MD-0102

Fax Board GD-1151AS/NA

Work Tray KK-3511

Fax 2nd Line Board GD-1260AU/NA

Scrambler Board GP-1040

PCI Slot GO-1060

Wireless LAN Module GN-1041

Bridge Kit KN-3520

Harness Kit for Coin Controller GO-1020

Bluetooth GN-2010

Antenna GN-3010

Data Overwrite Enabler GP-1060
 Printer Enabler GM-1071
 Printer/Scanner Enabler GM-2071
 Scanner Enabler GM-4070

Toshiba: Benefiting your business, caring for the environment.

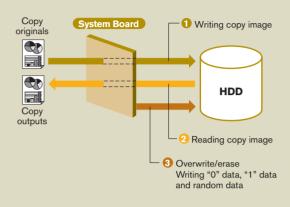
By choosing Toshiba technology, you actively contribute to Toshiba's efforts for environmental protection by making use of products that impart minimum ecological impact. The e-STUDIO233 is excellent examples of Toshiba's efforts for environmental protection — complying with the "ENERGY STAR" energy-saving requirements of the U. S. Environmental Protection Agency (EPA) and the RoHS (Restriction of Hazardous Substances) requirements of the European Union for 2006.

At Toshiba, such environmental awareness also extends to production facilities too. Indeed Toshiba is proud that four copier sales affiliates and all Toshiba TEC manufacturing facilities have been awarded ISO 14001 certification — the internationally recognized standard for environment management systems that minimize the ecological impact of business activities.

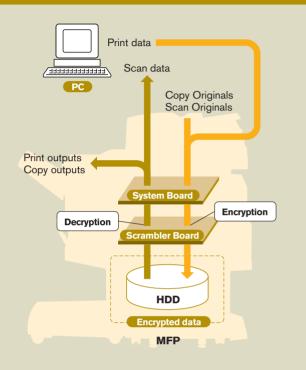


Extensive features for extended performance.

Security



- SMTP authenticaion
- LDAP authentication with Kerberos
- Active Directory with NTLM/Kerberos
- Role Based Access Control
- Private Print
- Optional Scrambler Board
- Optional Data Overwrite kit
- Wi-Fi authentication (WPA2) with Optional Wireless LAN antenna



Equipped with a diverse range of security measures, the e-STUDIO233 strictly controls access to confidential office information and helps safeguard against the dangers of data leakage.

Optional wireless LAN compatibility

With IEEE802.11g capability, the e-STUDIO233 each offer the option of built-in wireless LAN performance — enabling a swift 54Mbps (max.) connection for your network.

Easy expansion of network capabilities

The optional expansion enablers for the e-STUDIO233 come in the form of compact plug-and-play "keys", which make the insertion of new boards a thing of the past. Simply insert the "key" of your choice into one of the e-STUDIO's two USB sockets and new capabilities are unleashed. No installation, no hassle; just extended performance.

 $\ensuremath{^\star}\xspace$ Optional expansion kits include a Printer kit, Scanner kit and a Printer/Scanner kit.

Printer Driver

The e-STUDIO233 incorporates an easy-to-use Toshiba graphics-based print driver that makes use of common driver technology. Allowing easy operation via simple-to-understand menus and making all functions available from each and every PC in the network, this e-BRIDGE-enabled innovation makes it easy to increase overall productivity.

■ Job Build function

The extremely handy Job Build function makes it possible to scan multiple copy jobs and then copy them all as one. Functions that are particularly handy when originals exist in both single-sided and duplex format or when image modes need to be altered from one original to another, You'll be surprised at the acceleration they bring to everyday operations.

Address book

The e-STUDIO233 also offers a user-friendly address book function, which speeds and simplifies the input of fax numbers and Email addresses. Both a fax number and an Email/Internet fax address can be stored as a single entry for each party, and usage really couldn't be simpler — supporting access from the control panel or through the Web-based TopAccess utility.



LDAP search/import

The Lightweight Directory Access Protocol (LDAP) search/import function lets you access your mail server's address book in a seamless manner, eliminating the need to enter addresses each and every time you send Email. Such capability is of particular use when using features such as Scan to Email and Internet Fax.

- Rapid 23cpm/ppm performance
- 45spm (scans per minute) while copying
- Swift warm-up time of approx. 25 sec.
- Fast first copy delivery in just 5.4 sec.
- High-quality copying
- Text, Text/photo, and Photo modes ensure optimum results
- 600 x 600dpi delivers high-clarity scanning resolution in all modes
- 2400 dpi x 600 dpi for sharp print outs

Large, user-friendly, tilting control panel

- 1/2 VGA-size control panel
- Easy-to-see icons
- Tilt function enhances visibility in various situations
- Full QWERTY keyboard for easy input and operation







Ample paper handling capacity





- Thick paper and envelope copying/printing
- Advanced toner recycling technology
- TOSHIBA original supplies It is recommended that only supplies made or designated by TOSHIBA be used for this machine in order to get optimum results.



General

Type Printing/Copying process Original scanning method Paper input capacity (80g/m², A4)

Paper size Paper weight

ADU (Automatic Duplexing Unit) Processor Memory (RAM) Hard disk drive Page memory Warm-up time

Power consumption Dimensions (W x D x H) & weight

Desktop Indirect electrostatic photographic method CCD line sensor Standard (650 sheets): 550 sheets x Drawer 1,

Standard (DOU Sneets): 3-DU Sneets X D/Tawer 1, 100 Sheets x 1 Bypass Maximum (3,700 Sheets): 550 Sheets x Drawer 1 (Std.), 100 Sheets x 1 Bypass, 550 Sheets x Drawer 2 (Opt.), 2,500 Sheets x 1 LCF A3-ASR (Drawer), A3-ASR (Bypass) Standard: 64-105 g/m² (Drawer), 64-209 g/m² (Bypass-Multi-Feed), 50-209 g/m² (Bypass-Single-Feed)

(Bypass-Multi-Feed), 50-209 g/m² (Bypass-Single-Feed) Optional PowerPC 750CXr / 333 MHz (Shared for all imaging functions) Std. : 256 MB; Opt.: 512 MB (Shared for all imaging functions) 40 GB+ (Shared for all maging functions) 32 MB (Shared for all imaging functions) Approx. 25 seconds Max. 1.5kW (220-240V) 637 x 719 x 739 (mm), Approx. 76.6 kg

Print Specifications

2,400 dpi x 600 dpi (with smoothing) Printing speed Interface 23 ppm (A4) 10/100BaseT, Full-speed USB,

Protocols Supported system/drivers

10/i100BaseT, Full-speed USB, Opt: IEEBa02.1 11b/g (WiRI), Bluetooth (HCRP / BIP) Windows Printing (SMB), LPR / LPD, IPP (Ver.1.1) w/ Authentication, NetWare P-SERVER (w/NDS, w/Binary, w/TOSHIBA NDPS Gateway, LPD w/ IPrint), AppleTallk PAP or EtherTalk, Port 9100 (bi-directional), Bluetooth (HCRP/BIP) Windows (98 - SE Recommended, Me, NTA.0 - SP6a Recommended, 2000 - SP4 Recommended, NZ 15 bit - SP2 Recommended, XP X64 64 bit, 2003 server 32 bit - SP1 Recommended, 2003 server X64 64 bit, Vista 32 / 64 bit, 2008) Mac OS 8.6, 9.X, 10.1, 10.2, 10.3, 10.4, 10.5 or Higher (Mac PPD for LaserWriter) for LaserWriter)
Unix (Solaris SUN 2.6, 2.7, 7.8, 8, 9 / HP-UX 10.20, 11.X / AIX IBM

4.3.3 / Linux Redhat 7.x, 8.x, 9.x, Redhat Enterprise WS2 / SuSE Linux 7.x, 8.x, 9.x / Mandrake Linux 7.x, 8.x, 9.x / Turbo Linux 8, 10 / SCO UnixWare7, OpenUnix8)

CUPS XPS, PCL6* & PostScript* 3™ compatible

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

Copy Specifications

Scanning: 600 dpi x 600 dpi Printing: 2,400 dpi x 600 dpi (with smoothing) 256 steps 23 cpm (A4) 45 spm (A4) at 600 dpi 5.4 scannjek Copying speed
Original scanning speed
First copy out time 5.4 seconds Up to 999 copies Text, Text/Photo (Default), Photo, Custom Multiple copying Copy mode Reproduction ratio 25-400% in 1% increment (Platen) 25-200% in 1% increment (RADF) Automatic / Manual (11 steps) Exposure control

Autoritatic / Maintain (11 Steps)
Major features

-Energy Saver - Trimming / Masking -Department Code (1,000 kinds) - Cover Sheet - Sheet Insertion - X-Y Zoom - Proof Copy
- Magazine Sort - Alternation - 2-in-1, 4-in-1, 8-in-1 - Annotation (Date / Time Print) - Job Reservation - Rotation Copy - Thick Paper Mode

Scan Specifications

600, 400, 300, 200, 150dpi 50 spm (A4; 150, 200, 300, 400 dpi); 45 spm (A4; 600 dpi) Multi / Single-page (TIFF, PDF, XPS) Resolution Scanning speed

File formats
Major features
•2-sided Scan •Ima on (4 directions) •Mixed Size Paper Scanning •Scan-to-Email •Scan-to-File •Scan-to-e-Filing

Fax Specifications

Super G3, G3 (2nd line - Opt.), T.37 (Internet Fax)
Max. 33.6kbps
Approx. 3 seconds per page
JBIG, MMR, MR, MH
Text, Photo/Text, Photo
500 MB (Transmission / F Code), 120 MB (Reception),
Permanent (Back-up)
A3, B4, A4, A4-R, A5, B5, B5-R, A5-R, LT, LT-R, LG, LD,
ST. ST.R. Comp. Folio Compatibilities Modem speed Transmission speed Data compression methods Scanning mode Memory capacity (HDD)

Original document sizes

Maior Features

-Telephone Book (1,000 destinations) -Broadcasting -Automatic Redialling -Group Dialling (200 groups, 400 destinations per group) -Chain Dialling -Delayed, Recovery & Batch Transmissions -Polling -Mailbox (F-code)

ST, ST-R, Comp, Folio

Internet Fax Specifications

Connectivity supported Sent attachments forma Original document sizes T.37 (Simple Mode)

11FF-5/F A3, B4, A4, A4-R, A5, B5, B5-R, A5-R, LT, LT-R, LG, LD, ST, ST-R, Comp, Folio (Image will be reduced to A4 size and transmitted when original is any size of A3, B4, LG, LD or Folio)

Major features

•On Ramp Gateway (Through the MailBox) •Off Ramp Gateway •Telephone Book (1,000 destinations) •Sent to File (SMB/FTP/IPX) •Sent to E-mail •Sent-to-Internet Fax. Sent-to-Box

Network Fax Specifications

Windows (98, Me, NT4.0, 2000, XP 32 bit / 64 bit, Server 2003 32 bit / 64 bit, Vista 32 bit)

Electronic Filing Specifications

Number of boxes Number of folders Public Box:1, User Box: 200 100 folders per Box 400 documents per Box/Folder 1,000 pages per document Number of documents Number of pages Capacity (HDD)

Copy-to-Box, Print-to-Box, Received Fax-to-Box, Innut-to-ho Received Internet Fax-to-Box, Scan-to-Box (Depending on installed options) TWAIN Driver, File Downloader Box N/W access applications

Network/Device Management Utility

·TopAccess ·TopAccessDocMo

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Options

Covers

RADF (Reversing Automatic Document Feeder) (MR-3020)

Original capacity
Original setting
Available original size & weight 100 sheets (A4, A3) (up to 1,000 pages in continuous mode)

Face-up A4, A3, B5, A4-R, A5-R, B5-R, 35-157 g/m² (single sided), 50-157 g/m² (double-sided) 600 x 523 x 135 (mm), 12.5 kg

Dimensions (W x D x H) & weight Platen Cover (KA-3511PC)

Inner Travs

Job Separator (MJ-5004)

Upper tray: 150 sheets (Measured at 80 g/m²) Lower tray: 250 sheets (Measured at 80 g/m²) Paper size & weight

Upper tray: A3-A5R, 64-105 g/m² Lower tray: A3-A5R, 50-209 g/m² 498 x 415 x 153 (mm), 3.3 kg Dimensions (W x D x H) & weight

Offset Tray (MJ-5005)

Capacity
Paper size & weight
Dimensions (W x D x H) & weight 250 sheets (Measured at 80 g/m²) A3-A5, 50-209 g/m² 500 x 415 x 169 (mm), 3.5 kg

Finishers

Hanging Type (MJ-1022)

Trays Capacity

1st Bin: Max. 200 sheets (A4, B5, A4-R, B5-R, A5-R), (Measured at 80 g/m²) 2nd Bin: Max. 700 sheets (A4, B5, A4-R, B5-R, A5-R), (Measured at 80 g/m²) Max. 30 sheets (A4, A4-R, B5), (Measured at 80 g/m²)

Staple position Dimensions (W x D x H) & weight Single-position 451 x 539 x 590 (mm), Approx. 17 kg

Saddle-Stitch Type (MJ-1025)

Trays Capacity & paper weight Staple capacity I Max. 1,000 sheets (A4, A4-R, B5, A5-R), (Measured at 80 g/m²) Max. 50 sheets (A4, B5, A4-R), (Measured at 80 g/m²) Multi-position (3 kinds), Saddle-stitch Paper size: A3, B4, A4-R Staple capacity: Max. 10 sheets

Staple position Saddle-stitch

(Measured at 80 g/m²) 538 x 603 x 1,011 (mm), Approx. 38 kg Dimensions (W x D x H) & weight

Hole Punch Unit (MJ-6005) (for MJ-1025)

Dimensions (W x D x H) & weight 90 x 560 x 170 (mm), Approx. 4 kg

Drawers

Large Capacity Feeder (KD-1012A4)

Paper supply
Available paper size & weight
Dimensions (W x D x H) & weight 2,500 sheets A4, 64-105 g/m² 530 x 577 x 307.5 (mm), 27 kg

Paper Feed Pedestal (KD-1011)

Paper supply Available paper size & weight Dimensions (W x D x H) & weight 550 sheets A3-A5R, 64-105 g/m² 530 x 577 x 320 (mm), 21.5 kg

Drawer Module (MY-1021) (for KD-1011)

Paper supply Available paper size & weight Dimensions (W x D x H) & weight Desk (MH-1710) 550 sheets A3-A5R, 64-105 g/m² 526 x 569 x 107 (mm), 3.8 kg

Bridge Kit (KN-3520) nsions (W x D x H) & weigh 546 x 489 x 44.4 (mm), 1.6 kg

Work Tray (KK-3511) 282 x 471 x 108.2 (mm), 1.1 kg

Dimensions (W x D x H) & weight 282 x 471 x **512 MB Expansion Memory (GC-1230)** *Required for XPS

ADU (MD-0102) Slot Cover (KE-2330) *SAD: Opt. PCI Slot (GO-1060) *Pro

Network Utilities

Printer Kit (GM-1071) / Scanner Kit (GM-4070) / Printer/Scanner Kit (GM-2071)

Document Capture / Workflow

e-BRIDGE RE-RITE (GB-1280)

Information Communications Security
Harness Kit for Coin Controller (GQ-1020) / Scrambler Board (GP-1040) /

Data Overwrite Enabler (GP-1060) / e-BRIDGE ID-GATE (KP-2004 HID / KP-2005 MIFARE)

Communications Connections

Fax Kit (GD-1151 AS / NA) / Fax Kit 2nd Line (GD-1260 AU / NA) / Wireless LAN Module (GN-1041) / Bluetooth Module (GN-2010) /

Antenna (GN-3010) (for GN-1041 and GN-2010)

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.

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As an ENERGY STAR Partner TOSHIBA TEC CORPORATION has determined that this multifunction device model meets the ENERGY STAR guidelines for energy efficiency.

These multifunction devices comply with the Wi-Fi standard.



PARAGON











These multifunction devices comply with the Wi-Fi standard

