GENERAL

Type LCD Control Panel 8 5"WVGA (185 v 111 mm) with 800v400 dats (256 shades

Paper input capacity (80g/m², A4) Note: Paper input capacity depends on

Maximum original paper size Print/copy speed (A4) Colour: 23/28/35/45 ppm, B&W: 28/28/35/45 ppm Standard: 550 sheets x 2 (Drawer), 100 sheets (Stack Feed Bypass) Optional: 2,500 sheets (LCF) or 550 sheets (Paper Feed Pedestal) 550 sheets (Drawer for Paper Feed Pedestal) Drawers: ASR – A3, 64 – 256g/m² system configuration Paper size & weight

Stack Feed Bypass: A6R - 320 x 460mm, 64 - 280g/m² Banner, 30s 1,200mm, 64-163g/m² 80GB+ (Shared) / Main memory: 1GB, Page Memory: 512MB Approx. 160 sec. (4520C), 89 sec. (2330C/2820C/3520C) from Hard disk drive/memory

Approx. 123kg

Warm-up time Max 2.0kW (220-240V) Dimensions (WxDxH)

PRINTING FUNCTION

Weight

Interface

First copy time

866MHz (Shared) 80GB (Shared) Max. 600 x 600 dpi, 8bit

Print engine resolution Supported OS Windows 2000/XP/Server 2003/Vista/Server 2008/7 Mac OS X 10 1/10 2/10 3/10 4/10 5/10 6

WALC US X 10.17 (0.2710.3710.47 (

Option: IEEE802.11b/g (Wireless LAN module), Bluetooth Windows 2000/Server 2003/Server 2008/Vista/7, Citrix MetaFrame, NetWare6.0/6.5 (NDPS) TCP/IP (IP v4/v6), IPX/SPX, Ether Talk, NetBIOS over TCP/IP Network protocols

PCL6 Emulation, PostScript3 Emulation, XPS

•Scheduled Print Job •Private Print •Proof Print •Watermark Printing •N-up Printing •Magazine Sort •Image Overlay *Booklet Printing *Tab Paper Printing *Save to Box (e-filing) *Department Code (1,000 kinds) *Account Code (10,000 kinds) al ISB Direct Print

COPYING FUNCTION

Drawers: A3 - A5R, Stack Feed Bypass: A6R - 320 x 460mm, Copy size Resolution Scanning: 600 x 600 dpi, 10bit (B&W, Full colour)

Copying: 600 x 600, 8bit (B&W, Full colour); 2,400 x 600 dpi, 1bit with smoothing (B&W) 45 spm (A4) Original scanning speed Min 6 5/6 5/6 5/7 2 sec (B&W).

Min. 8.4/8.4/8.4/6.8 sec. (Full colour) 1 to 999 sheets
Auto Colour Selection (ACS), Full Colour, Twin Colour, Multipule copies

Colour mode Mono Colour, B&W Text, Text/Photo, Photo, Printed Image, Map, Image Smoothing

Copy mode Note: The copy mode may not be available in any colour modes.

Reproduction Ratio 25% to 400% (1% Increment) (Glass) 25% to 200% (1% Increment) (Original on RADF)

Automatic/Manual (11 steps)

•2 in 1/4 in 1/8 in 1(Duplex) •Rotation Copy •Alternation •Annotation •X-Y Zoom •Triming/Masking •Magazine Sort Job Reservation - Job Build -Book Center Erase -Image Shift -Proof Copy -RGB Adjustment -Background Adjustment -Twin Colour Copying -Colour Adjustment

SCANNING FUNCTION

Colour/B&W: Up to 57 spm (300 dpi) Scanning speed (A4) Scanning mode Auto Colour Selection (ACS), Colour, Grayscale, B&W Scan format (Colour

B&W:TIFF-Multi/Single page, PDF-Multi/Single Page, XPS-Multi/Single Page Grayscale/Colour: JPEG, TIFF-Multi/Single page, PDF-Multi/ Single Page, Slim PDF, XPS-Multi/Single Page ACS: TIFF-Single page, PDF-Multi/Single Page, XPS-Multi/ Single Page 600/400/300/200/150/100 dpi

Scanning resolution

2-sided Scan -Image Rotation -Mixed Size Paper Scanning -Scan to Email -Scan to file (SMB, FTP, IPX/SPX, Netware over TCP/IP) -Scan to e-filing -Scan to USB -Preview -WS Scan -Omit Blank Page -Original Outside Erase

ELECTRONIC FILING FUNCTION

User box Number of folders Number of documents Number of pages Input to box (Multi agent)

100 folders per Box
400 documents per Box/Folder
200 pages per document
Copy & Box, Print & Box, Received Fax to File & Box, Received
Fax to File & Box (w/o Sub No.), Received Fax to Fax III & Box,
Received I-fax to File XiII & Box, Received Fax to Fax/I-fax relay & Box, Received I-fax to I-fax reply & Box, Fax to Mailbox & Box

Scan to File & Box, Scan to email & Box Box N/W access applications

INTERNET-FAX/NETWORK-FAX FUNCTION

T.37 (Simple Mode)

NETWORK/DEVICE MANAGEMENT UTILITY

•TopAccess -TopAccess DocMon •Address Book Viewer •File Downloader •Printer Driver Customization (PDC) Tool
•e-BRIDGE Colour Profiler

DISTRIBUTED BY

Version 2.1

OPTIONS

RADF (Reversing Automatic Document Feeder) MR-3018

100 sheets (A3, A4) (up to 1.000 pages in continue mode Original capacity (80g/m²) Original setting
Available original size & weigh A3 - A5R, 35-157g/m² (single sided), 50-157g/m² (double sided) 600 x 523 x 135mm, Approx. 12.5kg Dimensions (W x D x H) & Weight

Finisher MJ-1031

Non-sort/Group/Sort/Staple Capacity (80g/m²) Approx. 1,000 sheets (A4, B5, A5R) Approx. 500 sheets (A4R, B4, A3, B5R) Approx. 30 sets, 130mm or 1,000 sheets (A4, B5), Staple (80g/m²) Approx. 30 sets, 65mm or 500 sheets (A4R, B4, A3, FOLIO) Dimensions (W x D x H) & Weight 411 x 594.5 x 383mm, Approx. 12kg

Finisher MJ-1101

Non-sort/Group/Sort/Single staple/Hole puncl Canacity (80g/m² Stationary Tray: Approx. 250 sheets (A4, B5, A5R) Approx. 125 sheets (A4R, B4, A3, B5R, FOLIO) Finising Tray: Approx. 2,000 sheets (A4, B5, A5R)

Approx. 1,000 sheets (A4R, B4, A3, B5R, FOLIO) Staple (80g/m²) Finising Tray: 30 sets (A4, B5) 15 sets (A4R, B4, A3, FOLIO) 535 x 598 x 1,092mm, Approx. 34kg Dimensions (W x D x H) & Weight

Finisher MJ-1030 (Saddle-stitch type)

Non-sort/Group/Sort/Single staple/Hole punch Type Capacity (80g/m²) Approx. 1,000 sheets (A4, B5, A5R) Approx. 500 sheets (A4R, B4, A3, B5R, FOLIO) Staple (80g/m²) 1st/2nd bin: Approx. 30 sets, 147mm or 1,000 sheets (A4/B5)

Approx. 30 sets, 73.5 mm or 500 sheets (A4R/B4/A3/FOLIO) A3, B4, A4R (60 – 105 gsm) Staple Capacity: 15 sheets (80g/m²)

nsions (W x D x H) & Weight 649 x 657 x 1086mm, Approx. 70kg Hole Punch Unit MJ-6101 (for the MJ-1101 Finisher) 112 x 573 x 323mm, Approx. 7.0kg

Dimensions (W x D x H) & Weight Hole Punch Unit MJ-6004 (for the MJ-1030 Finisher) ions (W x D x H) & Weight 112 x 617 x 378mm, Approx. 9.0kg

Bridge Kit KN-4520 prerequisite for installation of Finisher and Hole Punch Unit

Staple STAPLE-2000, STAPLE-2400, STAPLE-600

Paper Feed Pedestal KD-1023 Paper supply (80q/m²) Approx. 550 sheets Paper size & weight Dimensions (W x D x H) & Weight A3 — A5R (64 — 256 g/m²) 623 x 642.3 x 320mm, Approx. 21.3kg

Drawer Module MY-1032 Paper supply (80q/m²) Paper size & weight A3 - A5R (64 - 256 q/m²) Dimensions (W x D x H) & Weight 526 x 553.5 x 107mm, Approx. 3.7kg

Large Capacity Feeder KD-1024A4 Paper supply (80g/m²) Paper size A4 (64 - 105 a/m²)

Dimensions (W x D x H) & Weight 623 x 642.3 x 307.5mm, Approx. 26.7kg

FFI Controller GA-1211 FAX Unit GD-1250

Super G3, G3 Compatibility Number of lines 1 line (2nd line is optional Modem speed
Data compression method Max. 33.6k bps JBIG, MMR, MR, MH ITU-T T.30 Communication protocols Approx. 3 sec. per page Text, Text/Photo, Photo, B&W only Transmission speed

Gray scale Platen Cover KA-3511PC Dimensions (W x D x H) & Weight

546 x 489 x 44.4mm, Approx. 1.6kg Work Tray KK-3511 Dimensions (W x D x H) & Weight 282 x 471 x 108.2mm, Approx. 1.1kg

•2nd Line for FAX Unit GD-1260-Wireless LAN Module GN-1050-Antenna GN-3010 •Harness Cable for External Device GQ-1110-Data Overwrite Enabler GP-1070 -Imaging Acceleration Board GE-1170 •e-BRIDGE ID Gate KP-2004 for HID/KP-2005 for MIFARE-Meta Scan Enabler GS-1010 •IPSec Enabler GP-1080 External Interface Enabler GS-1020-Rluetooth Module GN-2010

256 steps

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 menting strict standards set by the Geneva based International Standardization Organization. To date, four copier sale sfilliates 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 suppries and parts are produced have received 150 9001 certification, while four copier sales annual all Toshiba TEC manufacturing facilities have received ISO 14001 certification — even more reasons to count on Toshiba.

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This brochuse was compiled based on information that was accurate prior to product launch. Product design and specifications are subject to change without notice. The colourist of the actual product may vay from the colourist shown in experiment of the colourist product may be coloured to the colourist of the actual product may be coloured to the colourist produc

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

TOSHIBA

TOSHIBA SINGAPORE Pte., Ltd. 438B Alexandra Road, #06-01, Alexandra Technopark Tel: (65) 6516 0380 Fax: (65) 6516 0430

http://www.estudio.com.sq















TOSHIBA

Leading Innovation >>>

E-STUDIO 2330c E-STUDIO2820c **€**-STUDIO3520c **€**:STUDIO4520c

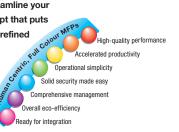






Unwavering full-colour performance for business needs.

New Toshiba e-STUDIO2330c/2820c/3520c/4520c full-colour MFPs streamline your everyday workflow. Based on Toshiba's unique Human Centric concept that puts users at the center of MFP research and development, every detail is refined to achieve high performance with ease. The full lineup ranging from 23ppm to 45ppm answers diverse business needs. Discover the advantages of high image quality, outstanding reliability, steady input/output productivity, operational simplicity, solid security, excellent eco-efficiency, and easy integration. Toshiba exists to meet the real needs of real people.







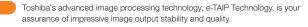




High-quality Performance

Toshiba MFPs deliver impressive reliability and the utmost in image quality, without sacrificing speed or ease of maintenance. They ensure all your needs are fully and consistently met.





Output approaching offset printing quality is maintained even during high-volume jobs, thanks to Toshiba's digital image processing technology. Image quality is extremely stable and new toner ingredients are blended exclusively for vivid results.

The Outside Erase function automatically detects and removes the dark areas that often appear near the edges when books and other thick materials are being copied/ scanned. This will result in sharper images, neater output and also reduce toner usage.

The Omit Blank Page function automatically identifies blank pages amongst a set of original documents that are being copied/scanned. Blank pages are omitted in the output or data storage - all without the need of extra software. *This function is off by default.

Uptime and productivity are increased by an ERU (Easy Replaceable Unit) design and longer-lasting consumables.

The ICC profile allows customisation of colour conversion that precisely meets your needs when printing from a PC.

A multitasking document system with optional EFI controller.





Versatile paper handling extends to a wide range of paper choices

A3 - A5R, 64 - 256gm² Stack Feed Bypass (multi-feed): 320 x 460mm - A6R, 64 - 280gm² Duplex: A3 wide (305 x 457mm) - A5R, 64 - 256am2 Banner (from SFB): 305 x 1200mm, 64 - 163am2 Other paper:

Waterproof paper (two-sided printing/banner printing), tab paper printing (from SFB), tab paper insertion (from SFB)

- Background Adjustment One Touch Adjustment (Warm/Cool/Vivid/Clear/Marker) Sharpness
- Twin Colour Copy





Operational Simplicity

Toshiba MFPs offer large control panels and countless refinements that simplify every job for every user. They free you from the frustrations of unintuitive operation.

The easy-to-read 8.5" WVGA touch panel employs a tilt-adjustable design for excellent visibility.



Using the Scan Preview function, users can view previously scanned images on the control panel prior to scanning.

The new user interface allows authorized users to customize personal menu screens to complete tasks in fewer steps. Templates are also easy to create and access, contributing to user-friendly operation.

The USB Direct Print/Scan to USB function can print data from an inserted USB storage device or save scanned documents/images on the device. Compatible formats include PDF, JPEG, Slim PDF* and XPS. *Some restrictions may apply.

Operation is further simplified by a new, more intuitive printer driver interface and TopAccess web-based utility.

Even the paper cassette handles are designed to simplify the operation.

A newly developed waste toner box that is twice the regular size* of previous model with improvement ease of handling.

*In comparison with conventional full colour models.



• TopAccess DocMon • Addressbook Viewer • Wireless LAN (optional) • Bluetooth (Optional)







Comprehensive Management

User Authentication

User ID Password

No User ID

Toshiba MFPs deliver friendly, efficient functions for administrators and users that enhance job management yet, drastically reduce TCO (Total Cost of Ownership).

The Role Based Access Control (RBAC) function allows the administrators to administrate MFP capabilities, such as printing, copying, scanning and faxing to make available to each user. It is an effective means of access control for largescale organizations/sytems to monitor output costs for more effective management

An Import/Export function for Printer Driver Settings allows administrator to make necessary printer driver settings on one networked computer and then apply the settings to other computers by simply importing/exporting the file.

With the Cloning function, you can back up and store various data such as user data and setup data in a USB storage device. When multiple e-STUDIOs are installed in your office, simply insert the USB storage device to add the data and eliminate the need to set up on individual e-STUDIO MFP.

To activate this function, please contact your Toshiba service technician.

The Easy Replaceable Unit (ERU) design minimises unproductive downtime through speedy recovery time. This reliability, together with long-lasting consumables such as a larger waste toner box, leads to a reduction in TCO.

The Meta Scan function allows easy support for Meta Data (XML) that helps streamline the workflow by allowing connectivity with external systems and applications.

Other features

• Guest Account Setting • Department Code (1,000 kinds)



At Toshiba, every detail is refined to enhance your workflow. High print/scan speed, for example, contribute to excellent productivity. You can be sure of smooth, time-saving operation and accelerated performance throughout the process.





Print, copy and scan speed (pages per minute, A4):

	Print output/Copy output		Scan for scanning functions
	Full Colour	B/W	(All Colour mode)
e-STUDIO2330C	23 ppm	28 ppm	up to 57 spm (300dpi)
e-STUDIO2820C	28 ppm	28 ppm	
e-STUDIO3520C	35 ppm	35 ppm	
e-STUDIO4520C	45 ppm	45 ppm	

Advanced new functions, impressive interface improvements, and easier system integration are made possible by Toshiba's new 3rd generation e-BRIDGE controller, that features with 866MHz CPU, 1.0GB Main memory, 512MB Page memory, Ethernet (10/100Base T), an 80GB HDD, and the latest image/data processing ASICs.



Three types of highly reliable finishers provide a diverse range of finishing options. The optional Multi-Staple Finisher (MJ-1101) employs Toshiba's original Active Drop Technology to slash processing time for continuous stapling, including dual position stapling. It also has a manual stapling function that allows re-stapling of originals after separating the pages for copying. The optional hole punch incorporates Two-dimensional Resister Technology to ensure dependably accurate hole punching, even with high-speed output (not available on MJ-1031 Hanging Finisher).

The optional RADF offers highly productive dual-sided original scanning that has similar speed as single-sided jobs.

The Slim PDF function offers the ability to reduce data volume when dealing with full-colour originals and other high-volume data.

The optional Imaging Acceleration Board, with built-in Media Processor, improves performance when creating Slim PDFs.

Other features

 $\bullet \text{e-filing features: Print to Box, Received FAX to Box, Copy \& Box, Scan to File \& Box, Box to Print, etc. } \\$







Solid Security Made Easy

By focusing on user-friendliness and user needs, Toshiba found a solution that strikes the right balance between security protection and easy operation. Count on Toshiba for solid security made easy.

Encryption comes standard



The standard AES (Advanced Encryption Standard) prevents DoS (Denial of Service) attacks.

The Private Print function enables users to print confidential documents by inputting a password (set by the user via printer driver) on the control panel.

All TCP/IP networked communications equipment (routers, PCs, etc.) are monitored and controlled by protocol.

The Hardcopy Security Printing feature helps to prevent unauthorised copying by inlaying security patterns on unauthorized copies.

*To activate this function, please contact your Toshiba service technician.



*For a list of compatible models, please inquire at your local dealer.

Optional IPsec (Security Architecture for Internet Protocol) employs packet data encryption to prevent unauthorized Internet access.

An optional Data Overwrite enabler prevents actual data in the MFP's HDD from being stolen.

Compliant with ISO/IEC 15408 EAL3.

Other features

• Private Print • MAC Address Filtering (10 sets) • Account Code (10,000 kinds)



Overall Eco-efficiency

Toshiba MFPs offer compliance with strict environmental standard as well as a significant reduction in power consumption. They are friendly to both people and the environment.



To be fully compliant with the Energy Star Program, Blue Angel Mark* and RoHS. *Does not apply to e-STUDIO4520c.

Sleep mode (with selectable preset ranging from 3 to 240 min.) for energy savings.

Based on RoHS Requirements of the European Union, this product is free from halogen.

Low-temperature fusing toner contributes to the reduction of energy consumption.

Environmental responsibility

Toshiba aims to contribute to sustainable development in two ways: by supporting environmentally friendly values and by reducing the environmental impact of its products and business practices. Toshiba strives to be eco-friendly in all activities including procurement of raw materials and components, product design, production and distribution. In line with this policy, Toshiba's environmentally friendly MFPs feature recycled materials and are highly efficient with energy and other resources.



Ready for Integration

BRIDGE

Thanks to Toshiba MFPs open architectures, you can now rely on stress-free compatibility with the latest network technologies. Toshiba MFPs flexible networking is able to perform with other compatible external networks.

The open architecture expands connectivity and simplifies integration with existing network environments. Integration with external solutions is smooth and easy due to the following features:

- e-BRIDGE EFMS* is the ideal solution for centralised monitoring and administration of Toshiba MFPs. With the system, you are able to easily measure almost everything with regards to device usage or consumption in order to provide timely notifications to users on current and potential device disruptions.
- e-BRIDGE Job Build* gives you total control over your print job by allowing it to combine multiple documents of various file and paper types, and document settings into a single print job.
- e-BRIDGE Job Separator* makes it possible to take a single print job and divide it as required. These are automatically subdivided through the use of separator pages which can also be printed upon.
- e-BRIDGE Drop Zone* improves productivity by creating specific print settings and finishing parameter for different office files into a select drag and drop process. It supports files of MS word, Excel, Powerpoint, PDF & more.
- e-BRIDGE Re-Rite* automatically converts scan documents into digital documents.
 This improves business process through enhanced productivity, saving precious time and money while transforming your office into a lesser paper usage zone.
- e-BRIDGE Open Platform* facilitates versatile linkage with external applications and systems. It offers 2 types of open interfaces for quick and easy collaboration with solutions partners: External Interface Enabler and Meta Scan Enabler.
- e-BRIDGE Job Replicator* distributes documents to multiple sources automatically, saving time and reducing workload in the process. With just a few clicks through a simple interface, documents can be printed to more than one drawer or input source at the same time.
- e-BRIDGE Job Point* is an utility that allows users to print large print jobs within a short period of time. Straight forward and easy-to-use, Job Point automates the process of printing the same document to multiple Toshiba MFPs with a single print job, cutting down the time to complete the job by half or more.



• Reversing Automatic Document Feeder Hanging Finishe M.I-1031 Platen Cover KA-3511PC Multi-staple Finisher Work Trav KK-3511 * Bridge Kit KN-4520 Stack Feed Bypass (Standard) Standard Drawer Hole Punch Unit Saddle-stitch Finisher MJ-1030 Paper Feed Pedestal KD-1023 • Desk MH-1710 Large Capacity Feeder KD-1024A4 • Drawer Module for PFP Hole Punch Unit STAPI F-2400/2000/600 GP-1070 M. I-6004 Staple Cartridge •EFI Controller GA-1211 •e-BRIDGE ID Gate KP-2004/2005 •FAX Unit GD-1250 •Imaging Acceleration Board GE-1170 •2nd Line for FAX Unit GD-1260 •Meta Scan Enabler GS-1010 •Wireless LAN Module GN-1050 •External Interface Enabler GS-1020 •Bluetooth Module GN-2010 •IPSec Enabler GP-1080 GN-3010 •Harness Cable for External GQ-1110 •Antenna

Options

Full Colour MFP line up C-STUDIO2330c Full colour: 28ppm BW: 28ppm Full colour: 28ppm BW: 28ppm Full colour: 28ppm BW: 58ppm Full colour: 58ppm BW: 58ppm

Note: Model availability varies by region.

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