TOSHIBA

e·STUDIO3508LP
e·STUDIO4508LP

Product brochure

> The world's first multifunction systems with erasable print function.

> Toshiba's unique hybrid printing technology allows users to print in either traditional black or erasable blue toner.

> Equipped with state-of-the-art features for modern document workflows.

> Designed for businesses which want to combine ecology, economy and efficiency.

TOGETHER INFORMATION

CONNECT, INTEGRATE, SIMPLIFY AND REUSE

Toshiba's hybrid technology combines conventional printing with erasable printing which allows you to reuse paper over and over again. One single device easily connects, integrates, and simplifies your workflows — and also helps to save valuable resources.

At Toshiba, we are dedicated to serving our customers and committed to the future of our planet on our promise of Together Information.

Black and White printing has never been this green.

The world's first Black and White MFP with erasable print function.

e·BRIDGE Next

EVERYTHING YOU NEED IN ONE SYSTEM

Ecology

The idea of a paperless office has been around for more than 40 years, yet even modern business workflows still require printed documents. Toshiba offers companies a practical approach to saving paper without impacting on proven print workflows. Our unique hybrid printing technology offers everything you would expect from a state-of-the-art multifunction printer (MFP) and more: You can now even reuse the paper.

Economy

One single system can print in regular black as well as in erasable blue. For you this means you can use the Hybrid MFP just like any other monochrome device to print in black and can chose from a variety of finishing options to ensure you have a system which covers all your needs. Our erasable blue toner allows you to reuse the paper you have printed on, so that you can use less paper, without having to print less. Reducing paper usage will save natural resources, reducing your company's footprint and also help you save money.

Efficiency

Driven by Toshiba's e-BRIDGE Next controller the system will boost your productivity. It provides ease-of-use and ensures that the device is capable of adapting to your document workflows. Whether you need to connect to 3rd party solutions or simply want to optimise your internal processes, the Toshiba Hybrid MFP is there to help you enhance your overall efficiency.

KEY FEATURES

> A unique monochrome system with a speed of up to 45 pages per minute (ppm) and up to 35 ppm in erasable blue ensures the Hybrid MFP can handle even large jobs effortlessly.

> A customisable, tablet-like user interface, gives easy access to the print, scan, copy, fax and erase functions.

> Outstanding image quality you can rely on. No matter whether you use black or erasable blue toner, the result will always be the same: impeccable documents.

> The optional Dual Scan Document Feeder can hold up to 300 sheets while processing documents at an amazing speed of up to 240 images per minute.

> Utmost data security thanks to features such as the self-encrypting Toshiba Secure HDD and further optional security functions for IEEE2600.2 compliance.

OUR BEST TECHNOLOGY TO ENHANCE YOUR BUSINESS

Optimising workflows to get the most out of available resources has become essential for businesses which want to be successful. We have designed our Hybrid MFP to offer you all features you need to be productive and efficient. But there's more: we have added a unique erasable print function, which can be selected in the printer driver just like any other setting.

Connect

Having access to your documents when you need them is becoming more and more important. We have made sure you get what you want, whenever and wherever you want it.

> **Multi Station Print** allows you to send print jobs from your computer and retrieve them at any convenient MFP by authenticating at that device, e.g. by swiping your badge.

> **Cloud printing** ensures you have access to your documents no matter where you are. Our embedded apps let you send your documents directly to or print them from Microsoft OneDrive, Google Drive and Dropbox.

> **Mobile printing** gives you the flexibility to print directly from your mobile device via AirPrint, Google Cloud Print, Mopria Print Service or our Toshiba e-BRIDGE Print & Capture app. With an optional module which activates the WiFi as well as the "Bluetooth" feature, you can easily connect mobile devices directly with the MFP.

Integrate

The Hybrid MFP incorporates our latest e-BRIDGE technology. This makes it easy to integrate the system into your existing IT infrastructure and helps the administrators to work more efficiently. The open platform architecture also enables the creation of customised workflows, that simplify complex scanning, archiving or other document management tasks.

Simplify

We strongly believe that good technology must be easy to use and that's how we designed the Hybrid MFP. The large tablet-like screen with an embedded web browser is easy to use and customisable to meet your needs. It gives direct access to all functions of the MFP and increases the efficiency of the users.

Reuse

Toshiba's Hybrid MFP comes with a unique feature: paper can be reused thanks to the erasable blue toner, which has a positive impact on the environment. The erasing can be done either via the Hybrid MFP.

Kodo and e-BRIDGE Plus Apps

As each company has different ways of storing and sharing data this system can be equipped with apps which meet your individual requirements or preferences. Whether you wish to connect to cloud services or local applications, we have the solution.

Kodo Apps

Kodo Application for HPE Content Manager

Kodo Application fo Microsoft Office 365

Kodo Application for Scan Plus

Kodo Application for SharePoint on-premise

e-BRDGE Plus Apps

e-BRIDGE Plus for box

e-BRIDGE Plus for Dropbox

e-BRIDGE Plus for Google Cloud Print

e-BRIDGE Plus for Google Drive

e-BRIDGE Plus for OneDrive

e-BRIDGE Plus for USB Storage

for more information visit www.toshiba-business.com.au/apps
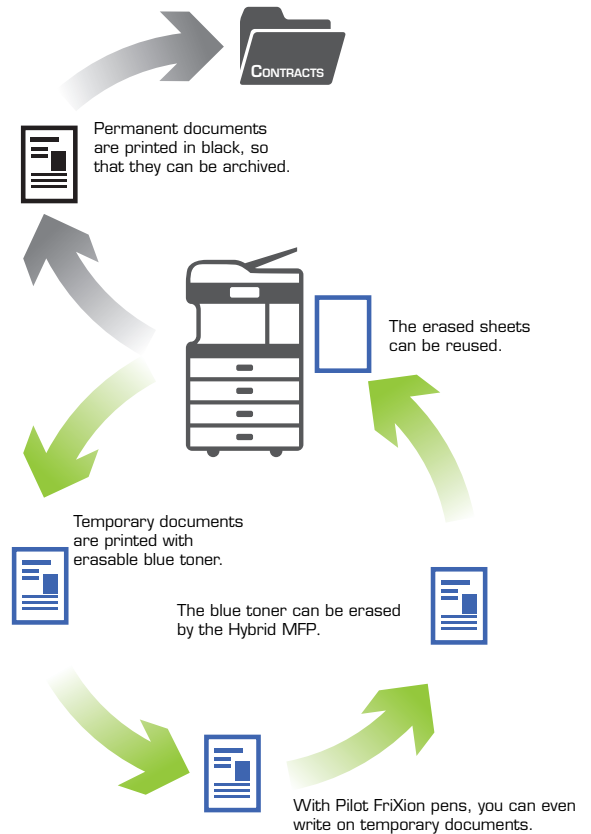
PRINTING HAS NEVER BEEN THIS GREEN

How does it work?

Often documents are only temporary, e.g. proofs or as a reminder to do something. For these cases Toshiba's hybrid system gives you the possibility to select the erasable blue toner, so that when you don't need your document anymore, you don't have to throw the paper away, but can delete whatever was printed on it and reuse the sheet. To make it easier rule-based printing can be activated in the printer driver. This allows you to define multiple rules for the printer driver to then automatically select the blue toner e.g. for all e-mails and faxes as these type of documents usually tend to be used only temporarily.

To easily track how much you have already saved, the e-BRIDGE Paper Reuse Report calculates paper reduction and average paper usage to show your environmental contribution at a glance.
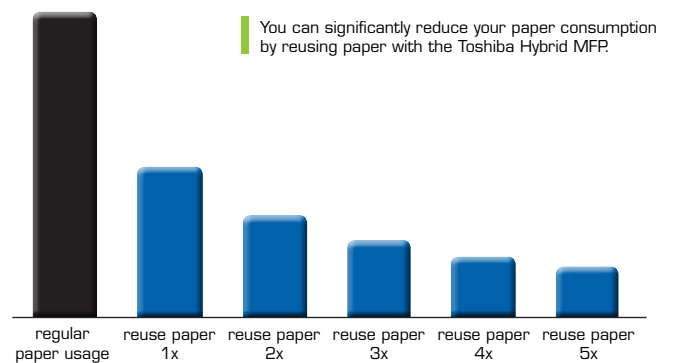
How can the toner be erased?

The Hybrid MFP has a built-in erasing function. Simply place the used paper into the designated cassette and start the process. The blue toner will be erased making the sheets ready to be re-used for printing.

CONTRACTS

Permanent documents are printed in black, so that they can be archived.

The erased sheets can be reused.

Temporary documents are printed with erasable blue toner.

The blue toner can be erased by the Hybrid MFP.

With Pilot FriXion pens, you can even write on temporary documents.

What is the benefit?

Assuming that you use a sheet of paper five times (i.e. reuse it four times) and you print 4,000 erasable pages per month, you can save 80% paper. This means that after five years you will have saved almost 200,000 sheets of paper. In other words: The same amount of paper which you would usually use in one year, will now last five years.

You can significantly reduce your paper consumption by reusing paper with the Toshiba Hybrid MFP.

| regular paper usage | reuse paper 1x | reuse paper 2x | reuse paper 3x | reuse paper 4x | reuse paper 5x |

Besides saving costs for paper (purchasing, storage and disposal) there is also a significant environmental benefit as you automatically reduce the carbon emission and water consumption, which is generated during the paper production.

SPECIFICATIONS

General

Print & Copy Speed	Black:	35/45 ppm (A4)
		18/22 ppm (A3)
	Erasable Blue:	35/35 ppm (A4)
		18/18 ppm (A3)
Erase Speed	Drawers:	17.5 ppm (A4)
		8.5 ppm (A3)
	Bypass:	14.5 ppm (A4)
		7.5 ppm (A3)

Warm-up Time Approx. 22/26 seconds from low power mode

Paper Size & Weight[1] Drawers: A5R-A3, 60-256 g/m²
Bypass: 100 x 148 mm-A3 mm, 60-256 g/m²

Paper Capacity 2x 550 sheets (Drawers)[2], 1x 100 sheets (Bypass)[3]
Maximum 3,200 sheets

Inner Output Tray With Bridge Kit: 150/120 sheets
(virgin/reusable paper) Without Bridge Kit: 400/320 sheets

Automatic Duplex[1] A5R-A3, 60-256 g/m²

Controller Type Toshiba e-BRIDGE Next

Control Panel 22.9 cm (9") Multi-Touch Colour Panel

Memory Toshiba Secure HDD 320 GB[4], 4 GB RAM

Interface 10Base-T/100Base-TX/1000Base-T,
High Speed USB 2.0, WLAN[5] (IEEE802.11b/g/n),
Bluetooth[5], Wi-Fi Direct[5]

Dimensions & Weight 585 x 640 x 787 mm (W x D x H), approx. 73 kg

Print

Resolution 600 x 600 dpi, 5 bit,
1,200 x 1,200 dpi, 2 bit (equiv. 3,600 x 1,200 dpi) with
PostScript driver

Page Description PCL5e, PCL5c, PCL6 (PCL XL), XPS and
Language PostScript 3 compatible

Supported Systems Windows 11/10/8.1, Windows Server
2022/2019/2016, OSX 10.7-10.15, 11.2 and later,
CUPS, Chrome OS, Linux/Unix, Citrix, Novell SLES,
SAP, AS/400

Network Protocols TCP/IP (IPv4/IPv6), IPX/SPX, EtherTalk,
NetBios over TCP/IP

Toner Modes Erasable Blue, Black

Mobile Printing e-BRIDGE Print & Capture, AirPrint,
Mopria Print Service

Print Functions Universal Printer Driver, Driver Templates, Driver
plug-ins[5], Print from USB, Hold print, Tandem printing

Scan

Resolution Maximum 600 x 600 dpi

Scan Speed Reversing Automatic Document Feeder[5]:
up to 73 ipm (300 dpi) in colour and monochrome

Dual Scan Document Feeder[5]:
up to 240 ipm (300 dpi) in colour and monochrome

Scan Modes Auto-Colour (ACS), Colour, Greyscale, Monochrome

File Formats JPEG, Multi/Single Page TIFF/XPS/PDF,
Secure PDF, Slim PDF, PDF/A, Searchable PDF[5]
(and other formats like DOCX, XLSX)[5]

Scan Functions WS Scan, Scan to USB, Scan to E-Mail, Scan to File
(SMB, FTP, FTPS, IPX/SPX, Local), Meta Scan[5],
OCR scan[5], Scan to Box (e-Filing), WIA, TWAIN

Copy

Resolution Scan: 600 x 600 dpi
Print: 600 x 600 dpi, 2,400 (equiv.) x 600 dpi with
smoothing

First Copy Output Time Black: Approx. 5.9/4.4 seconds
Erasable Blue: Approx. 7.8/7.8 seconds

Zoom 25-400% (Platen), 25-200% (RADF/DSDF)[5]

Original Modes Text, Text/Photo, Photo, Blue Original

Copy Functions Electronic Sort, Rotate Sort, ID Card Copy,
Edge Erase, 2-in-1 / 4-in-1 mode

Fax[5]

Communication Super G3, G3 - (opt. 2nd line), Internet Fax T.37

Transmission Speed Approx. 3 seconds per page

Compression JBIG, MMR, MR, MH

Fax Memory 1 GB Transmission/Reception

Network-Fax Driver for Windows 11/10/8.1, Windows Server
2022/2019/2016

Incoming Fax Routing To shared folders (SMB, FTP, IPX/SPX), E-Mail,
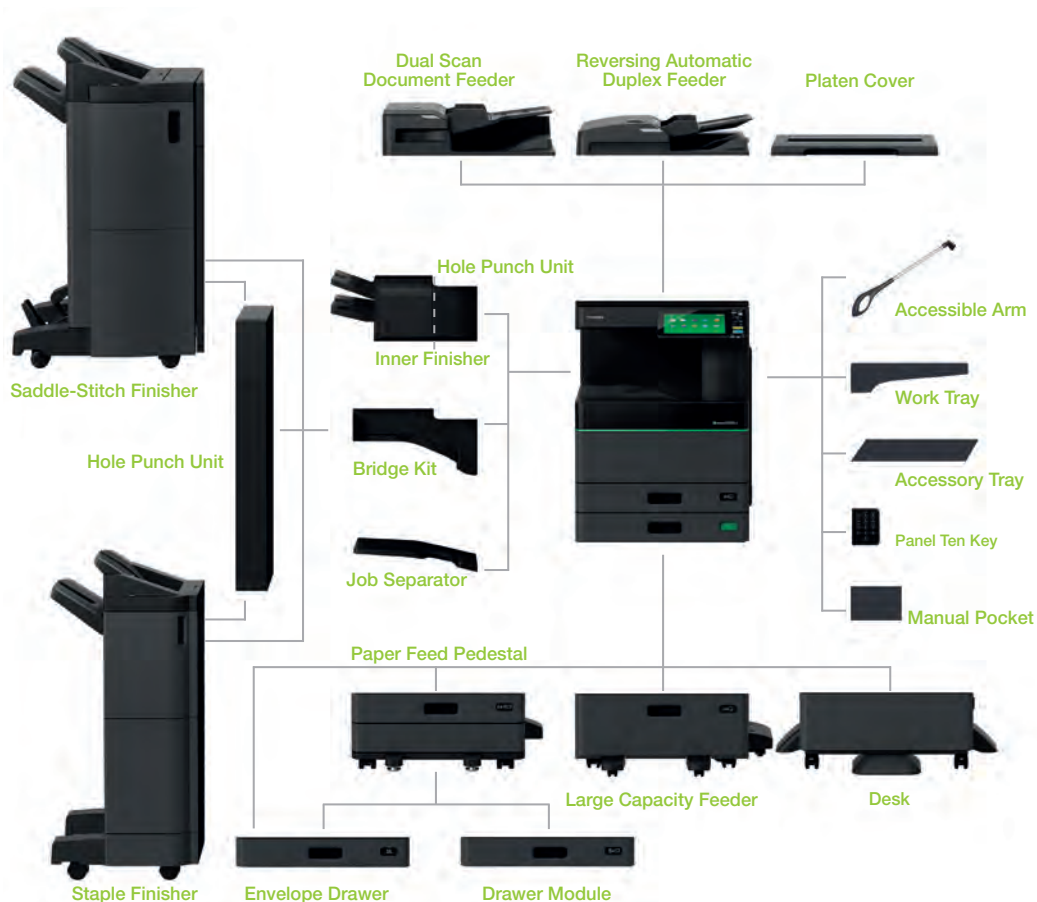e-Filing

System & Security

Device Management e-BRIDGE Fleet Management System[5], TopAccess
for remote administration and configuration

System Features e-Filing document server for secure storage,
Document distribution and Print-on-Demand
(1 public box, 200 user boxes), 12,060 one-touch
templates for storage of personalised settings or
workflows, Scan/Fax Preview, Rip-while-Print,
e-BRIDGE Open Platform[5], Embedded Web
Browser, Job Skip, Erasing of Erasable Blue Toner

Accounting & Security Role Based Access, LDAP support, 1,000
department & 10,000 user codes, Card Reader[5],
Private print, Standard data encryption with
Toshiba Secure HDD, Data Overwrite Enabler[5],
IP and MAC address filter, Port filter, Support of
SSL/TLS and IPsec[5] protocols, IEEE802.1x
support, IEEE2600.2 compliant[5], Scan to
Secure PDF

[1] Paper weight for Erasable Blue mode: 64-80 g/m².
[2] If drawer is used for reusable paper, paper capacity of drawer is max. 400 sheets.
[3] If bypass is used for reusable paper, paper capacity of bypass is max. 30 sheets.
[4] 1 GB = 1 billion bytes; the actual formatted capacity is less. Available capacity will also be less if software applications are pre-installed.
[5] Optional
[6] Finishing functions are not available when printing in Erasable Blue. Paper capacity for reusable paper differs.

OPTIONS

REVERSING AUTOMATIC DOCUMENT FEEDER	100-sheet capacity, A5R-A3, 35-157 g/m²
DUAL SCAN DOCUMENT FEEDER	300-sheet capacity, A5R-A3, 35-209 g/m²
PAPER FEED PEDESTAL[1)2)]	550-sheet capacity (1 Drawer), A5R-A3, 60-256 g/m²
DRAWER MODULE[1)2)]	For Paper Feed Pedestal 550-sheet capacity (1 Drawer) A5R-A3, 60-256 g/m²
LARGE CAPACITY FEEDER	2,000-sheets capacity, A4, 64-105 g/m² Not for reusable paper
INNER FINISHER[6)]	2 trays, 600-sheet capacity 50-sheet multi-position stapling B5-A3, 60-105 g/m² (stapling mode)
MULTI STAPLE FINISHER[6)]	2 trays, 2,250-sheet capacity 50-sheet multi-position stapling B5-A3, 60-105 g/m² (stapling mode)
SADDLE-STITCH FINISHER[6)]	2 trays, 3,250-sheet capacity 50-sheet multi-position stapling 5-sheet center folding Saddle-stitched booklets of up to 60 pages B5-A3, 60-105 g/m² (stapling mode)
HOLE PUNCH UNIT[6)]	Available in 2 holes (E), 4 holes (F), 2 or 3 holes (N)

PLATEN COVER
DESK
ENVELOPE DRAWER
JOB SEPARATOR
FAX BOARD
WIRELESS LAN / BLUETOOTH MODULE (incl. Wi-Fi Direct)
e-BRIDGE ID-GATE
CARD READER HOLDER
HARD DISK DRIVE 320 GB[3)] **(FIPS 140-2 STANDARD)**
ACCESSORY TRAY
PANEL TEN-KEY OPTION
WORK TRAY
DATA OVERWRITE ENABLER
IPsec ENABLER
EMBEDDED OCR ENABLER
MULTI STATION PRINT ENABLER
META SCAN ENABLER
UNICODE FONT ENABLER
ACCESSIBLE ARM

e-STUDIO3508LP/4508LP

Works with Apple AirPrint

Windows Server 2019 Certified
Window Server 2022 Certified
Cerner VALIDATED

CITRIX ready
Bluetooth
Wi-Fi CERTIFIED
mopria
Universal Print

Dual Scan Document Feeder

Reversing Automatic Duplex Feeder

Platen Cover

Saddle-Stitch Finisher

Hole Punch Unit

Hole Punch Unit

Inner Finisher

Bridge Kit

Job Separator

Accessible Arm

Work Tray

Accessory Tray

Panel Ten Key

Manual Pocket

Paper Feed Pedestal

Large Capacity Feeder

Desk

Staple Finisher

Envelope Drawer

Drawer Module

About Toshiba

Toshiba (Australia) Pty Limited is part of the globally operating Toshiba Tec Corporation, active in various high-tech industrial sectors.

Toshiba is a leading provider of information technology, operating across multiple industries - ranging from retail, education and business services to hospitality and manufacturing. With headquarters in Japan and over 80 subsidiaries worldwide, Toshiba Tec Corporation helps organisations transform the way they create, record, share, manage and display information.

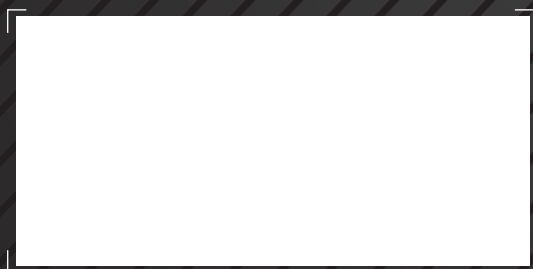For more information please contact us:

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Together Information is Toshiba's vision for how people and organisations create, record, share, manage and display ideas and data.

It is based on our belief that the most successful organisations are those that communicate information in the most efficient way.

We make that possible through an integrated portfolio of industry-specific solutions, all of which reflect Toshiba's commitment to the future of the planet.