The world’s first black and white multifunction system with erasable print function

Thanks to the unique Hybrid printing technology, one single device can output black and white as well as reusable prints, which saves paper

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

Designed for businesses that want to combine ecology, economy and efficiency
Toshiba’s hybrid technology combines conventional printing with erasable printing allowing you to reuse paper over and over again. One single device easily connects, integrates, and simplifies your workflow — and also helps to save valuable resources.

At Toshiba, we are dedicated to serving our customers and committed to the future of the planet with the 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.
OUR BEST TECHNOLOGY TO ENHANCE YOUR BUSINESS

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

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

> 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, Dropbox and others.

> 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 feature, you can easily connect mobile devices directly with the MFP.

Integrate
Toshiba’s Eco Hybrid MFP incorporates the latest e-BRIDGE technology. This makes it easy to integrate the system into your existing IT infrastructure and helps administrators work more efficiently. The open platform architecture also enables the creation of customized workflows to 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 customizable to meet your needs, regardless of the industry you’re in. It gives direct access to all functions of the MFP to increase user efficiency.

Reuse
Toshiba’s Eco 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 itself or the optional paper reusing device, the e-STUDIOrd301.
PRINTING HAS NEVER BEEN THIS GREEN

How it works?
Very often we print documents, which are only needed temporarily, e.g., to proof-read a document 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 erase whatever was printed on it and reuse the sheet. To make it easier rule-based printing can be activated in the print driver. This allows you to define multiple rules for the print driver to then automatically select the blue toner for all e-mails as these type of documents usually tend to be used only temporarily. For more permanent documents, select black and white.

To easily track how much you have already saved, the e-BRIDGE Paper Reuse Report calculates your paper reduction, the average usage of a sheet of paper, and CO2 reduction, all in an easy to view dashboard format.

How can the toner be erased?
Toshiba’s Eco Hybrid MFP itself is capable of erasing the toner. Simply place the used paper into the designated paper cassette and start the process. The blue toner will be erased and you can then place the erased sheets back into the cassette of the MFP to print on them again.

Alternatively, you can use the optional e-STUDIO301 — an erasing unit with advanced features. Not only does it erase at a speed of up to 30 PPM, it also sorts the paper into reusable and non-reusable paper. Additionally, it can also digitize the documents for electronic archiving before erasing the toner.

What is the benefit?
Assuming that you use a sheet of paper five times and you print 4,000 erasable pages per month, you can save 80% of your 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.

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.
EVERYTHING YOU NEED IN ONE SYSTEM

Ecology
The idea of a paperless office has been around for more than 40 years, yet today’s business workflows still require a fair amount of documents to be printed. Toshiba now has a great solution for companies that want to be ecologically conscious and still be efficient and economical. 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 black and white 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. You can chose from a variety of paper feed and finishing options to cover all of 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 helping 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 workflow. Whether you need to connect to 3rd party solutions or simply want to optimize 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 35/45 pages per minute (PPM) and 35 PPM in erasable blue ensures the Hybrid MFP can handle even large jobs effortlessly.
- A customizable, 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 (IPM).
- A 320GB FIPS 140-2 Validated Self-Encrypting Drive (SED) with Automatic Drive Invalidation (ADI) & Data Overwrite capability provides top level security. IPsec is available to securely encrypt data sent to and from the MFP.
Main Specifications

Copy System
Indirect Electrostatic Photographic Method/OPC/Laser Printing/Heat Roller Fusing

Display
9” Colour VGA Touch Screen Tilting Display

Copy Speed
35/45 PPM (LT)

Erasable Blue Speed
35 PPM

First Copy Out
Less than 5.9/4.4 Sec.

First Copy Out
Less than 7.8 Sec. (Erasable Blue)

Warm-Up Time
Approx. 20 Seconds

Copy Resolution
2,400 x 1,200 dpi with Smoothing

Stack Feed Bypass
3.9” x 5.8” to LD, Envelope

Multiple Copying
Up to 999 Copies

Paper Capacity
Standard: 1,200 Sheets/Max., 3,200 Sheets

Original Feed
Optional 300- Sheet DSDF or 100- Sheet RADF

Scan Speed & Weights
DSDF Scan: Up to 240 IPM Duplex, 120 IPM Simplex (Monochrome or Colour), Simples: 9.3-110 lb Bond, Duplex: 9.3-41.8 lb Bond
RADF Scan: Up to 73 IPM (Monochrome or Colour); Simples: 9.3-41.8 lb Bond, Duplex: 13.3-41.8 lb Bond

Max. Original Size
LD

Paper Feed Sizes

Drawer 1: 550 Sheets ST-R to LD
Drawer 2: 550 Sheets ST-R to LD
Stack Feed Bypass: 100 Sheets 3.9” x 5.8” to LD
Opt. 500- Sheet Paper Feed Pedestal ST-R to LD
Opt. 500- Sheet Drawer for PFP-ST-R to LD
Envelope Cassette for PFP-Approx. 60 Envelopes/550 Sheets-ST-R to LD
Opt. 2,000- Sheet Tandem LCD (Pedestal Type)-LT Only

Paper Weights
Standard: 350 Sheets x 2-16 lb Bond-140 lb Index
Stack Feed Bypass: 100 Sheets 16 lb-140 lb Index
Opt. 500- Sheet Paper Feed Pedestal ST-R to LD
Opt. 500- Sheet Drawer for PFP-ST-R to LD
Envelope Cassette for PFP-Approx. 60 Envelopes/550 Sheets-ST-R to LD
Opt. 2,000- Sheet Tandem LCD (Pedestal Type)-LT Only

Duplex
Standard Automatic Duplex Unit (16 lb Bond-140 lb Index)

Resolution Reduction Ratio
26.5% to 400%

Max. Duty Cycle
210K Month

Weight
Approx. 128 lb

Dimensions
23” (W) x 23” (D) x 31” (H)

Toner Yield
38.4K (Black)
21.5K [Erasable Blue]

Power Source
120 Volts, 50/60 Hz, 15 Amps

Power Consumption
Maximum 1.5Kw (120V)

CPU
Intel Atom™ 1.33GHz (Dual-Core)

Memory
4GB

Hard Disk Drive
320GB Self-Encrypting Drive FIPS 140-2 Validated

Facsimile Specifications

Compatibility
Super G3

Data Compression
MH/MJ/MMR/UBG

Transmission Speed
Approx. 3 Seconds per page

Fax Modem Speed
Up to 33.6 Kbps

Memory Transmission
Optional 300-Sheet DSDF or 100-Sheet RADF

HDC: 2,000 Destinations Max. 400 Destinations /Job

Scan Speed
0.7 Seconds per page, Maximum 75 IPM

e-Filing Specifications

Operation Method
Colour Touch Screen Control Panel or Client PC

Number of Boxes
1 Public Box, 200 Private User Boxes

Capacity of Boxes
100 Folders Per Box, 400 Documents Per Folder/Box,
200 Pages Per Document

Security Features
Timeout and Audible Message Alerts
User Authentication, On-Board Data Scramble Function, SCPF, Disable e-Filing, Disable Copy, Disk Overwrite, IP Address Filtering (10 Sets), MAC Address Filtering (10 Sets), Network Service Control, Network Port Control, SMB Packet Signing, SSL (HTTPS, FTP, LDAP, SMPT, POP, FTP, DPWS), IPsec (IKEv1, IKEv2), Security Mode Change, CC Certified (ISO/IEC15408 EAL3+)*,
IEEE802.1, IEEE802.1X, Digital Signature for Client Utilities, Password Policy, Password Lock, Password Expiration, Self Testing, Job Access Control, Log Access Control for Job Log, Security Stamp

Environmental Stds.
* Compliant with IEEE802.1 in High security mode.

Certification
WHQL (Windows 7, 8, 8.1, 10, 2008 R2, 2012 R2, Novell, Citrix, SAP

Scan Specifications

Scan Speed
DSDF Scan: Up to 240 IPM Duplex, 120 IPM Simplex (Monochrome or Colour)
RADF Scan: Up to 73 IPM (Monochrome or Colour)

Scan Modes
Standard: Full Colour, Auto Colour, Monochrome, Grayscale

Scan Resolution
600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi

File Formats

Image Compression
Colour/Grayscale: JPEG (High, Middle, Low)

PDLC
PCL5e, PCL5c, PCL6 (PCL XL), PS3, PDF, XPS, JPEG

Black Print Speed
35/45 Pages Per Minute (LT)

Print Resolution
600 x 600 dpi (1 bit) or 2,400 x 600 dpi (with smoothing), 1,200 x 1,200 dpi (2 bit) or 3,600 x 1,200 dpi (with smoothing) P3S Only

Operating Systems
Windows® Vista, Windows® Server® 2008/R2, Windows® 7, 8, 8.1, 10, Windows® Server® 2012/R2, Macintosh® (Mac OS × 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, 10.10, 10.11), Unix®, Linux®

Network Protocols
TCP/IP (IPv4, IPv6), NetBIOS over TCP/IP, IPX/SPX® for Novell®, EtherTalk® for Macintosh Environments

Printing Protocols
SMB, LPR/LPD, IPP (Ver 1.1), authentication, AppleTalk PAP or EasyTalkTM, Port9100 (bi-directional), NetWare F- SERVER LPD w/ print, WS Print, FTP, Windows® Vista SP2 (32-bit, 64-bit), Windows® Server® 2008 R2 SP2 (32-bit, 64-bit), Windows® Server® 2008 R2 SP1 (64-bit), Windows® 7 SP1 (32-bit, 64-bit), Windows® 8/8.1 (32-bit, 64-bit), Windows® Server® 2012/R2 (64-bit), Windows® 10 (64-bit, 64-bit, Mac OS® X 10.6, 10.7, 10.8, 10.9, 10.10, RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0 (High-speed), Optional 802.11g/b, Wireless LAN, Optional Bluetooth

Driver
AirPrint®, Mopria®, e-BRIDGE Print & Capture Application on iOS and Android (Available via Apple App Store or Google Play)

Device Management
TopAccess, ESMS 6.2 (e-BRIDGE Fleet Management Software)

Account Control
Up to 10,000 users or 1,000 Departments Supports User Authentication (on Device), Login Name/Password (via Windows domain) or Login Name/Password (via LDAP Server) for Copy, Print, Scan, Fax, List, and User Function

Accessibility Features
Tilt Front Panel, Job Programs, Universal Grip for Paper Trays, Disable Screen

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 or Toshiba Business Solutions Branch for availability. Toner yields are estimates based on 5% coverage, letter-size page. Driver and connectivity feature support varies by client network operating system. Product names may be trademarks of their respective companies. This is a Class 1 laser product complying with IEC60825-1.

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