

SPECIFICATIONS	
Type	Desktop
Printing/copying process	Indirect electrostatic photographic method
Original scanning method	CCD line sensor
Paper output capacity (80gsm, A4)	Standard: 550 Sheets (inner exit tray) Optional: 900 Sheets (MJ1022 finisher) 1000 Sheets (MJ1025 finisher) 150 sheets (inner exit tray) 150/250 Sheets (MJ-5004 Job Separator) 250 Sheets (MJ-5005 Offset Tray)
Standard paper supply	2 x 550 sheet cassettes, 100 sheets (Bypass)
Optional paper supply	Paper Feed Pedestal (PFP) 1 x 550 sheets , 1 x 550 additional sheet cassette for PFP or 2,500 sheets Large Capacity Feeder
Max paper capacity	3,700 sheets
Supported paper weights	Standard 64gsm-105gsm (drawers and duplex) 64gsm-209gsm (bypass)
Auto Duplex Unit (standard)	Continuous (64-105gsm)
Paper size	Standard: A3-A5R (Drawer), A3-A5R, A3wide (Bypass) Optional: A3-A5R (Paper Feed Pedestal and optional cassette) A4 (Large Capacity Feeder)
Warm up time	Approx 25 sec
Power consumption	Max. 1.5kW (220 - 240V)
Dimensions (WxDxH) & Weight	637 x715 x 739 (mm) - 74.8Kg
Counter	Electronic - 9 Kinds
Network/Device Tools	Top Access, TopAccessDocMon, File Downloader, TWAIN Driver, e-FILING Web Tool

e-BRIDGE (Standard)	
Processor	Tx4937 / 300MHz (Shared for all imaging functions)
Memory	160MB Shared: 32MB Page Memory 128MB Main Memory
Hard Disk Drive	40GB+ Shared

Copy Functions (Standard)	
Original Size	A5R-A3
Copy Size	A5R-A3
Resolution	Scanning 600 x 600 dpi
Gradation	256 steps
Copy speed	23/28 cpm (A4)
First copy out time	Less than 5.4 seconds
Multiple copying	1 to 999 copies
Zoom	25-400%
Control panel (Adjustable)	LCD key pad with QWERTY keyboard
Copy mode	Text, Text/Photo, (default) Photo, Custom
Zoom range	25-400%
Major features	Interrupt, Zoom Indicator, Dual Page, Edge Erase, Image Shift, Trimming/Masking, Department Codes (1000), Job Memory (Templates), Auto Cassette Change, Cover/Insert Sheet, Negative/Positive Copy, Mirror, Electronic Sort, Alternation, Magazine Sort, 2 in 1, 4 in 1, 8 in 1 Duplex, Rotation Copy, Document Storage (e-FILING), TWAIN Scan as standard (File Downloader Software)

Electronic Filing Functions (Standard)	
Number of Boxes	Public Box:1, User Box: 200
Number of Folders	100 folders per Box
Number of Documents	400 documents per Box/Folder
Number of Pages	200 pages per document
Capacity of HDD	5GB
Input to Box	Copy to Box, Print to Box, Received Fax to Box, Received Internet Fax to Box, Scan to Box
Box N/W Access Applications	TWAIN Driver, File Downloader

e-BRIDGE Enabled Scan Function (Optional)	
Scanning Speed	60spm (at 200 & 400dpi), 50spm (at 150 & 300dpi),
Scanning Resolution	600, 400, 300, 200, 150 dpi
File Format	TIFF-MMR, TIFF-S (Internet Fax), PDF
Compatibility	TWAIN
Major features	2-sided Scan, Image Rotation, Mixed Size Paper Scanning, Scan to Email, Scan to File (SMB,FTP), Scan to e-Filing, Template Function

e-BRIDGE Enabled Internet Fax Function (Optional)	
Connectivity supported	T.37 (Simple Mode)
TX Resolution	200dpi
Format of send attachment	Tiff-S
Scanning original document size	A3-A5R - (Note Image will be reduced to A4 size and transmitted)
Major features	On ramp gateway (through mailbox), off ramp gateway, telephone book (1,000 destinations)



Toshiba TEC UK Imaging Systems Ltd
Abbey Cloisters, Abbey Green, Chertsey, Surrey KT16 8RB
Tel: 01932 580100 Fax: 01932 580101

e-BRIDGE Enabled Print Function (Optional)	
Print resolution	2400 x 600 dpi (with smoothing)
Printing speed	23/28ppm (A4)
Printer drivers	Windows98/Me/2000/XP/2003 Server (only 32Bit), Windows NT4.0, Macintosh 8.6, 9.X, X ver 10.1/10.2/10.3 Unix (HP-UX 10.20/11.X, Sun Solaris 2.6,2.7,7.8,8.9,IBMAIX,Linux)
Interface	Parallel (IEEE 1284) Optional, 10/100 BaseTX, USB (Full Speed)
Network OS	Windows/NT, Netware
Network protocols	TCP/IP, IPX/SPX, Ether Talk, NetBIOS over TCP/IP
PDL	PCL6, PostScript 3
Major features	Proof Print, Private Print, Scheduled Print, Booklet, Cover/Insert, Front/Back Cover Insertion, Page Insertion, Save to Box (e-Filing)

OPTIONS	
RADF (Reverse Automatic Document Feeder) MR-3016	
Original feed speed	45 Originals / min (A4)
Stack capacity	100 sheets (A3-A5R) face-up
Original size and weight	A3-A5R, 50-127gsm (single sided), 50-105gsm (double sided)
Dimensions (WxDxH) & weight	557mm x 530mm x 165mm 15 kg
Platen Cover KA-3511PC	
For operation without RADF	
Paper Feed Pedestal KD-1011	
Paper supply	550-sheet cassette
Paper size and weight	A5-R-A3 (64-105gsm)
Dimensions (WxDxH) & weight	530 mm x 577 mm x 320 mm, 21.5 kg
Drawer Module MY-1021	
Paper supply	550-sheet cassette
Paper size and weight	A5-R-A3 (60-105gsm)
Dimensions (WxDxH) & weight	526mm x 569mm x 107mm, 3.8 kg
Large Capacity Feeder KD-1012A4	
Paper supply	2500 sheets
Paper size and weight	A4, (64-105gsm)
Dimensions (WxDxH) & weight	530 mm x 577mm x 307.5 mm, 27 kg
Job Separator MJ-5004	
Capacity and Paper Weight	Upper Tray: 150 Sheets (80gsm), A3-A5R, 64-105gsm Lower Tray: 250 Sheets (80gsm), A3-A5R, 50-209gsm
Dimensions (WxDxH) & weight	498mm x 415mm x 169mm 2.5kg
Offset Tray MJ-5005	
Tray Capacity	250 Sheets (80gsm)
Offset Width	A3, B4, A4, A4-R, FOLIO
Dimensions (WxDxH) & weight	500mm x 415mm x 169mm 3.5kg
Finisher (Hanging Type) MJ-1022	
Trays	2
Paper size and weight	A5R-A3 (50-209gsm)
Staple type	Single position
Staple capacity	30 sheets (A4, A4-R, B5/80gsm) 20 sheets (B4/80gsm) 15 sheets (A3, FOLIO/80gsm)
Tray capacity and paper weight	Non-sort/Sort/Group: Top Bin - 200 sheets (A4-A5R), 140 sheets (B4), 100 sheets (A3), 80gsm, Bottom Bin - 700 sheets (A4-A5R), 490 sheets (B4), 350 sheets (A3), 80gsm. Staple sort: Top Bin - 30 sets or 170 sheets (A4), 30 sets or 110 sheets (B4), 30 sets or 80 sheets (A3), 80gsm, Bottom Bin - 50 sets or 600 sheets (A4), 50 sets or 400 sheets (B4), 50 sets or 300 sheets (A3), 80gsm
Dimensions (WxDxH) & weight	451mm x 539mm x 590mm 17kg
Finisher (Multiposition Saddle Stitch Type) MJ-1025	
Trays	1 Bin
Paper size and weight	A3-A5R, 80gsm
Tray Capacity	Non-Sort / Sort / Staple Sort / Group / Saddle stitch / Hole punch (Option) 1000 Sheets (A4-A5R), 600 Sheets (A3-Folio) 80gsm
Staple capacity	50 sheets (A4, B5, A4-R / 80gm2), 25 sheets (A3, B4, FOLIO / 80gm2)
Staple type	Multiposition (3 Kinds), (Front-1 position-Slant(0 deg), Rear-1 position-Slant (0 deg), Center-2 positions-Parallel)
Saddle Stitch Paper Size	A3, B4, A4-R (64 -- 80 g/m2)
Saddle Stitch Staple Capacity	10 sheets (40 Page Booklet)
Dimensions (WxDxH) & weight	538mm x 603mm x 1,011mm
Bridge Kit KN-3520	
Required for installation of the MJ-1022 and MJ-1025 Finishers	
Hole Punch Unit MJ-6005E/F	
2/4 Holes - Units available for the MJ-1025 Finisher Only	
Dimensions (WxDxH) & weight	90mm x 560mm x 170mm 4kg - Internal Unit fits inside MJ-1025
Work Tray KK-3511	
Convenient working area	
Desk MH-1700	
Cabinet	
Fax Board GD-1150EU	
Useable circuits	Public switched telephone network (PSTN)
Communication mode	Super G3, G3
Number of lines	1 line, (2nd line optional)
Modem speed	Max 33.6 kbps
Data compression	JBIG, MMR, MR, MH
Transmission speed	Approx 3 seconds per page
Scanning mode	Text, Photo/Text, Photo: B/W ONLY
Grey Scale	256 levels (error diffusion)
Major features	Telephone book (1,000 destinations), Broadcasting, Automatic redialing, Group dialing (200 groups, 400 destinations per group), Chain Dialling, Delayed Transmission, Recovery Transmission, Polling, Mailbox (F-Code),Batch transmission

Fax 2nd Line GD-1160EU	
Wireless LAN Adaptor GN-1010	
Scrambler Board GP-1030	Encrypt Data on Hard Disk for security
PCI Slot GO-1030	Prerequisite for installation of the scrambler board
Printer Kit GM-1020	Enable e-BRIDGE Print Function
Printer/Scanner Kit GM-2020	Enable e-BRIDGE Print/Scan Function
Scanner Kit GM-3020	Enable e-BRIDGE Scan Function
Parallel Interface Kit GF-1140	Optional Interface for Parallel Printing



e-STUDIO230
e-STUDIO280
The Quiet Revolution...



PRINT
COPY
SCAN
FAX
ORGANISE
MANAGE
DISTRIBUTE
STORE

Windows and Windows 95/98/NT 4.0 are registered trademarks of Microsoft Group. Netware is a registered trademark of Novell, Inc. Macintosh is a registered trademark of Apple Computer, Inc. All other terms and product names may be trademarks or registered trademarks of their respective owners, and are hereby acknowledged. Design and specification subject to change without notice.

The Quiet Revolution

The e-STUDIO230 and the e-STUDIO280 bring the functionality, usability and the finishing power of mid-volume MFDs within reach of the traditional low volume user. These new models deliver outstanding features and capabilities to smaller office operations or self-contained small workgroups within larger organisations ideal for users who perhaps don't require the sheer volume and throughput of more conventional mid-range systems, but would appreciate a system matching the latest industry standards in network and environmental technology, multifunctionality and expandability in a quiet, convenient, connectable and cost effective package.

Smooth Operator

The e-STUDIO230/280 employs a large, easy to read 1/2 VGA display and an ergonomically designed control panel. Meeting the guidelines of the 1995 Disability Discrimination Act, the adjustable panel is simple to follow and guides users through any process clearly and quickly.

Flexible Finishing

The e-STUDIO230/280 offers a battery of finishing options normally only found on much higher volume systems. Job separator trays can sort your copy/print and fax documents independently.

A stapler/sorter option offers twin bins with a 900-sheet capacity.

The all new compact floor-standing saddle stitch finisher allows multi-position stapling of up to 50 sheets as well as a saddle stitch function (fold and double stapling) to produce finished booklets of up to 40 pages.

A cleverly designed hole punch is also available when using this option. This unit sits inside the finisher and so does not enlarge the footprint of the machine.

Full Functionality

A range of enhanced operating features will save you time and money. Easy to use pre-defined templates eliminate the need to manually select and confirm every single step required for frequent jobs. Customised scanning, copying and faxing for complex jobs are simple one-step, one-touch, operations. This ease of use delivers the full benefits of the system's 23/28 copies/prints per minute performance (even in duplex mode).

The embedded e-FILING capability allows you to send and save documents (copied, printed or scanned at 50 spm/300dpi) to the e-FILING box - your own "electronic filing cabinet". Stored documents can be manipulated or retrieved using simple icon-driven one-touch buttons on the control panel or via a web browser. Existing or combined documents can be output or distributed to any user-selected destination, therefore large and complex sets of documents can be easily managed.



Genuine print on demand!

All these powerful functions, normally only found on mid-range MFD systems, are simple to use and set up, saving you effort, time, cost and aggravation.



Enabler Keys

Total Cost and Environmental Efficiency

Hardware and software advances have slashed the total costs of ownership by improving performance and reliability and minimising waste and environmental impact. An all-new fusing system results in energy saving and an incredibly fast 25 second warm up. A Zero Toner Waste System with 100% toner recycling means clean and efficient continuous operation. No need for a waste toner reservoir - so the toner supply is larger than usual. All delivered in one of the quietest units in its class - designed for low noise and low ozone emissions.

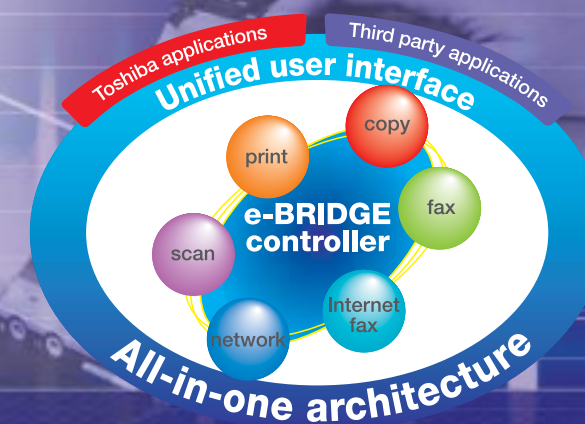
Wireless but Secure

e-BRIDGE and the e-STUDIO230/280 support WiFi, accepted as the leading standard for wireless LAN in business environments. Wireless connectivity simplifies installation and location, especially if your office layout is flexible and subject to frequent change or if your premises are difficult to cable. The addition of a Scrambler Board will enhance security with high-level encryption and deliver all the benefits of wireless connectivity without the risk of "leakage or eavesdropping".

Well Connected

Toshiba's unique e-BRIDGE Controller technology means your system is fully enabled as a genuine multifunctional device (copy, print, internet-fax, scan) from the start. No need to buy upgrade boards or additional hardware. Just plug in simple "enabler keys" and you can activate those functions (print only, scan only or print and scan) as you require them.

With e-BRIDGE technology, network connectivity is a straightforward and dependable operation too.



e-BRIDGE - the gateway to enhanced solutions

With Toshiba's unique e-BRIDGE controller technology, you gain access to a range of expandable features and capabilities. Simple graphical driver screens enable you to proof print, print to overlay files so you can combine text and graphics or logos in one document and a private print function for confidential documents. Pages can be scanned to file in TIFF or PDF formats and sent to a client PC or server for easy access and distribution. Scan to email will attach those documents to an email. Internet Fax can reduce your fax costs dramatically. Toshiba's e-FILING image management and editing package is specifically designed for use with e-BRIDGE technology. Files can be retrieved or output from the control panel or by using web-based tools such as Top Access. Documents can be merged or combined and edited with e-FILING using simple cut and paste functions. Printed, copied, scanned, faxed or emailed documents can be captured, manipulated and output in any format required. e-BRIDGE connectivity will also enable you to implement a number of Toshiba Electronic Document Management (EDM) solutions and packages that can track and control print costs or provide a scalable document management system that will archive, store and retrieve any document type in a flash.