

# TOSHIBA

Leading Innovation >>>

**e-STUDIO2303A**

**e-STUDIO2303AM**

**e-STUDIO2803AM**

**e-STUDIO2309A**

**e-STUDIO2809A**

**Compact.  
Efficient.  
Economical.**



COPY



PRINT



A3



DUPLEX



COLOUR  
SCAN



COPY  
SPEED



**TOGETHER  
INFORMATION**

## Increased productivity

Offers a wide range of paper handling options to satisfy the varying needs of users.



## Colour Scan and Scan to USB

Besides having the capability of Colour Scan, users can also enjoy the convenience of scanning directly to USB drive.



## Department codes

Administrators can manage printing cost by tracking the print volume of departments and users, limiting unauthorised usage through this simple security management.



## Mobile Printing

Printing is even more hassle-free now! Simply connect and print directly from your mobile phone or tablet.

\*With PS option on e-STUDIO2309A/2809A



SPECIFICATION for		e-STUDIO2303A	e-STUDIO2303AM/2803AM	e-STUDIO2309A/2809A
GENERAL				
Copying/Printing Process		Indirect electrostatic photographic method		
Print & Copy Speed		23cpm	23/28cpm	
Warm-up Time		Approx.18 seconds		
Paper Size & Weight		Drawer: A3/A5-R (64 - 80gsm) Stack Feed Bypass: A3/A5-R (52 - 216gsm)		
Paper Capacity		Drawer: 250 sheets Stack Feed Bypass: 100 sheets		
Max. Paper Capacity		600 sheets	1700 sheets	
Paper Exit		Face down/Inner exit (100 sheets)		
Processor		ARM9 360MHz		Cortex A8 500MHz
Memory		512MB		
Dimensions		W575 x D540 x H402 (mm)		
Weight (Approx.)		27kg		
Power Consumption		1.5kW (220-240V)		
Operation Noise		64.75dB[A]		
Special Features		Auto Sleep Mode, Auto Energy Saver		
COPY				
Max. Original Size		A3		
Resolution		2400dpi x 600dpi (with smoothing)		
Multiple Copy Qty		1-999/Ten key input		
First Copy		Less than 6.4 seconds (A4 size from 1st drawer, 100%)		
Zoom		25% to 400% (1% Increment)		
Copy Mode		Text, Text/Photo(Default), Photo, Background Erase		
Image Density Control		Automatic / Manual ( 9 Steps )		
PRINT				
Resolution		2400dpi x 600dpi (with smoothing)		
Page Description Language		GDI	PCL6 (PCL,XL), PCL5e, PCL5c, PS (Option)	
Operating Systems		Windows Vista SP2 (32/64 bit) Windows 7 SP1 (32/64 bit) (SP1 Recommended) Windows 8/8.1 (32/64 bit) Windows Server 2008 SP2 (32/64 bit) Windows Server 2008 R2 SP1 (64 bit) Windows Server 2012/R2 (64 bit) N.A		Mac OS 10.6, 10.7.4, 10.8, 10.9, 10.10 UNIX, Linux (CUPS)
Interface		USB 2.0/Hi Speed	10/100 BaseT, USB 2.0/Hi Speed	
Network Protocol		N.A	TCP/IP (IP v4/IP v6) NetBIOS over TCP/IP	
Print Protocol		N.A	LPR/LPD, Port 9100 (bi-directional), IPP ver1.1	
Print Function		Toner Save Mode, Watermark, Multiple Pages Per Sheet		
SCAN				
Resolution		600 x 600dpi		
Scan Speed		Up to 25spm		
Scan Modes		B&W, Greyscale, Colour		
File Formats		B&W: TIFF-Multi/Single page, PDF-Multi/Single-Page Greyscale: JPEG, TIFF-Multi/Single page, PDF-Multi/Single Page Colour: JPEG, TIFF-Multi/Single page, PDF-Multi/Single Page		
Scan Agent		Scan to USB, Remote TWAIN		Scan to USB, Remote TWAIN, Scan to File (SMB/FTP), Scan to Email
FAX (OPTION)				
Compatibility		N.A	Super G3, G3	
Data Compression Method		N.A	JBIG, MMR, MR, MH	
Modem Speed		N.A	33.6kbps ~ 2.4Kbps (Auto fallback)	
Transmission Speed		N.A	Approx. 3 sec.	
Broadcast Transmission		N.A	Max. 32 Groups, 220 destinations per job	
OPTIONS				
Document Feeder (RADF)	MR-3029	✓		
Platen Cover	KA-2507PC	✓		
Paper Feed Unit	MY-1043	✓		
Desk	MH-2506	✓		
Harness Kit for Coin Controller	GQ-1131	✓		
Auto Duplex Unit	MD-0107	✓		
Paper Feed Pedestal	KD-1039	N.A	N.A (Standard)	
Drawer Module	MY-1044	N.A	✓	
FAX Kit	GD-1360	N.A	✓	
Wireless LAN Module	GN-1080	N.A	✓	
PS module + 1GB memory (es2309A)	GA-1340L	N.A	✓	
PS module + 1GB memory (es2809A)	GA-1340H	N.A	✓	

TSP Version 1.0

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Driven by



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