

TOSHIBA



e-STUDIO449s

Monochrome Printing Systems

- More output: up to 44 pages per minute
- State-of-art security with Trusted Platform Module
- Sustainability and cost-effectiveness thanks to low energy consumption



**TOGETHER
INFORMATION**

Clarity in the Result and Privacy in the Process

Outstanding print quality

The new models are designed to reproduce monochrome images and text in striking clarity down to the smallest details – even fine lines and tiny dots – as you would expect from Toshiba systems. These new systems produce A4 documents in a quality that meets or exceeds the expectations of business users.

Time-saving features

Users will enjoy the convenience we have integrated into the new models, and you will appreciate the increased productivity. The two MFP models are equipped with a dual-scan document feeder (DSDF) as standard, so you can scan double-side documents with high speed. The devices scan the original on both sides simultaneously, so the process is not only swift and reliable, but also gentle on delicate documents.

Further options include a convenient stapler mounted on the device's housing (not integrated into the print path), enabling you to staple pages together on the spot and save time.

Security to master today's threats

Alongside efficiency and flexibility, data security is a top priority. Toshiba printing systems are designed to master complex and evolving data challenges and prevent unauthorised access to the device, with features such as the newly added Trusted Platform Module (TPM) technology. The component stores the encryption key on dedicated hardware separate from that used to store data

It further improves the systems' capabilities to secure the cryptographic keys generated by the device through more complex methods of producing the random numbers used to create the keys. The TPM solution includes system integrity checks and cryptographic capabilities to create a unique digital system fingerprint.

TPM not only provides peace of mind by ensuring an extraordinarily high level of data security within your organisation, but also enables you to comply with the stringent requirements of many corporations and government agencies. In most cases, the component satisfies standards for certification of your device cryptography.



Specifications

e-STUDIO449s

General

Print Speed	44 ppm
Copy Speed	44 ppm
Warm-up Time	~9 seconds (from sleep mode)
Paper Size & Weight	
Cassette	A6-A4/custom, 60-120 g/m ²
Bypass	76x148 mm - 215x359 mm, 60-216 g/m ²
Paper Capacity	
Cassette	1 x 550 sheets
Bypass	1 x 100 sheets
Max.	2,300 sheets
Output Capacity	250-sheet capacity
Automatic Duplex	A4/custom, 60-120 g/m ²
Colour Touch Panel	10.9 cm (4.3") colour touch panel (tiltable)
Memory	
	2 GB
Interface	10Base-T/100Base-TX/1000Base-T (incl. IPv6), High Speed USB2.0, WLAN (IEEE802.11 a/b/g/n/ac)
Dimension & Weight	
W x D x H	~ 479 x 450 x 514 mm
Weight	~ 21.2 kg
Initial Consumables	Starter cartridge with toner and Imaging unit

Print

Resolution	Max.: 1,200 x 1,200 dpi
First Print Output Time	~6 seconds
Page Description Language	PCL 6/PCL 5/PostScript 3 and PDF v1.7 emulation, PCLm, PPDS Migration tool
Supported Systems	Windows 11/10/8.1/8, Windows Server 2022/2019/2016, Windows Server 2012/2012 R2, Windows Server 2008/2008 R2, Linux, Novell, Citrix, SAP
Mobile Printing	AirPrint, Mopria Print Service
Print Functions	Universal Print Driver, Print from USB, Print from SharePoint [®] , Multi-page printing, Envelope printing





e-STUDIO449s

Scan

Resolution

Colour	Max.: 600 x 600 dpi
Monochrome (Mono)	Max.: 600 x 600 dpi

Scan Speed

Simplex Colour/Mono	34/49 ipm (300 x 600 dpi)
Duplex Colour/Mono	68/98 ipm (300 x 600 dpi)

Document Feeder (Simplex/Duplex)

100 sheets, A6-A4/custom, 52-120 g/m²

File Formats

TIFF, JPEG, PDF, Secure PDF, PDF/A, Searchable PDF, TXT, RTF, DOCX

Scan Functions

Scan to USB/E-Mail/File/Network folder (FTP), Scan Preview, Scan to SharePoint¹⁾, e-STUDIO Scan

Copy

Resolution

Max.: 600 x 600 dpi

First Copy Output Time

6.75 seconds

Zoom

25 - 400%

Copy Modus

Text, Text/Photo, Photo, Graphics

Copy Functions

Multiple pages per copy, Mixed-size copy, Margin shift, ID Card copy, Create booklet

Fax

Communication

Super G3

Transmission Speed

~ 3 seconds per page

Compression

JBIG, JBIG2, MMR, MR, MH, JPEG

Fax Functions

Colour fax, Speed dial (up to 500 destinations), Group dialing, Network fax

Incoming Fax Routing

To Fax, E-Mail, FTP

System & Security

System Features

Energy saving modes, Toner saturation/darkness adjustment, Remote user interface

Accounting and Security

Private print, IP address filter, Port filter, Support of SNMPv3, SSL and Ipsec protocols, 802.1x Authentication, Operator panel lock, Non-volatile memory wipe, Intelligent Storage Device¹⁾ or hard disk¹⁾ encryption, Automatic hard disk wiping¹⁾, Out-of-service erase for ISD and optional HDD³⁾ (End-of-life disk wiping), Trusted Platform Module (TPM)

Options

250-sheet Drawer (250-sheet capacity, A5-A4, 60-120 g/m²), 550-sheet Drawer (550-sheet capacity, A5-A4, 60-120 g/m²), Adjustable Printer Stand, Swivel Cabinet, SATA 500GB³⁾, Intelligent Storage Device (ISD) – Bulk Storage + User Flash(2GB) , Serial Interfac-SP+ SP/BB sidecover cable/connector, Convenience Stapler³⁾



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¹⁾ Optional

³⁾ For e-STUDIO449s

