

# TOSHIBA

**e-STUDIO409s**

**e-STUDIO448s**

## Product brochure

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- Print, scan, copy and fax directly at your workplace with these Toshiba A4 monochrome multifunction devices.
- Toshiba high standard document quality at a print speed of up to 40/44 pages per minute on a broad range of media.
- Both models are designed to meet the highest environmental standards and have a low energy consumption, helping to save money and valuable resources.



**TOGETHER  
INFORMATION**

# Powerful all-in-one devices

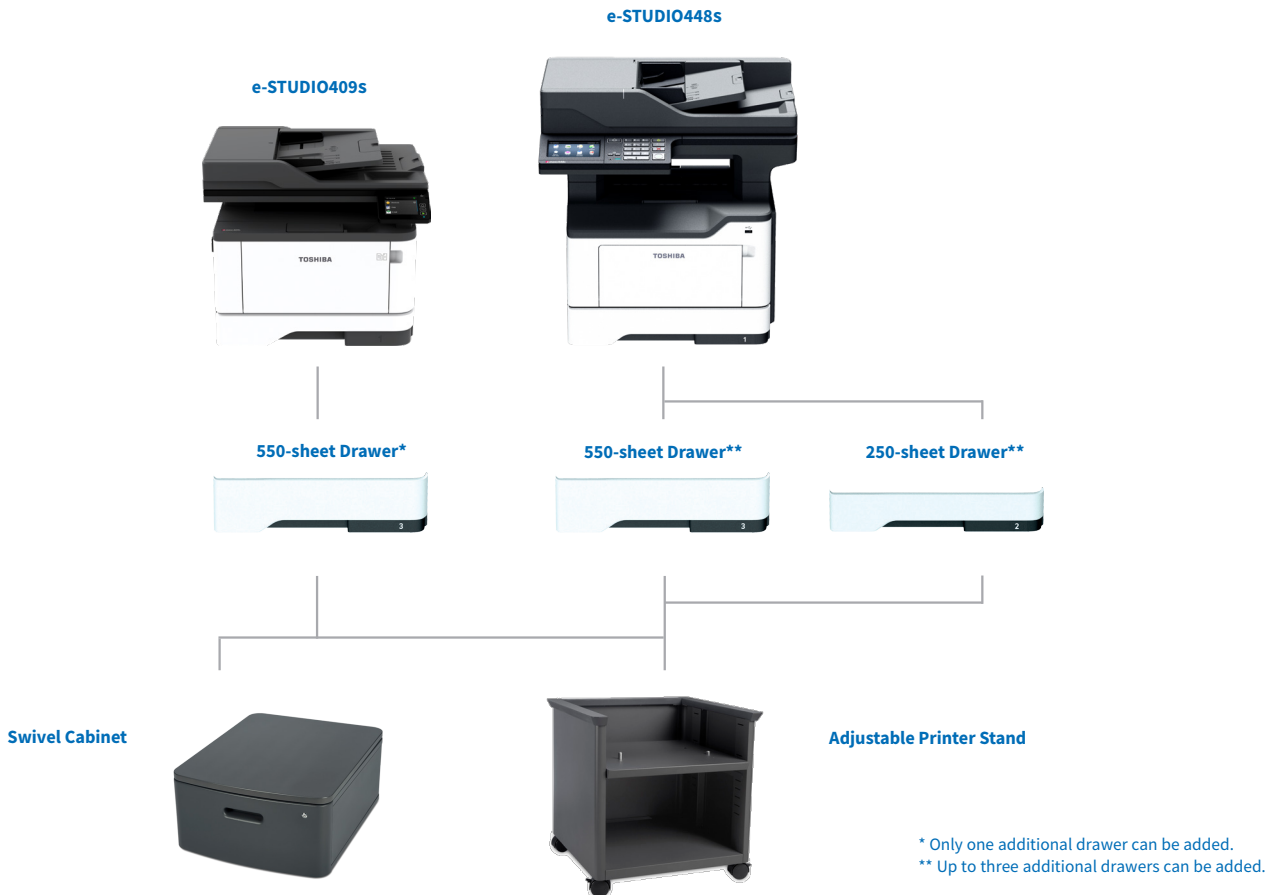
The e-STUDIO409s and e-STUDIO448s are true all-rounders and powerful all-in-one devices which will have the full ability to boost your efficiency. Via the large touch screen you can easily access all functions and apps, which are installed on the systems.

A print speed of up to 40 and 44 pages per minute and a maximum paper capacity of 900 and 2,000 sheets respectively, ensure that the e-STUDIO409s and e-STUDIO448s cover the needs of small- and medium-sized companies and workgroups. Thanks to flexible connectivity and the support of mobile printing they also meet the requirements of modern business workflows. And with security issues being more and more relevant in today's world, we have made sure to implement various security features to prevent unauthorised access to the systems– which allows you to protect what's yours.

To reduce the impact your business has on the environment, the e-STUDIO409S and the e-STUDIO448S offer optimised power consumption and various print and energy-save settings that can help you save valuable resources and money.



# Configuration



# Specifications

## General

	e-STUDIO409s	e-STUDIO448s
<b>Print Speed</b>	40 ppm	44 ppm
<b>Copy Speed</b>	39 cpm	44 cpm
<b>Warm-up Time</b>	~ 9 seconds (from sleep mode)	
<b>Paper Size &amp; Weight</b>		
Cassette	A6-A4/custom, 60-120 g/m <sup>2</sup>	A6-A4/custom, 60-120 g/m <sup>2</sup>
Bypass	99x148 mm - 215x359 mm, 60-217 g/m <sup>2</sup>	76x127 mm - 216x356 mm, 60-216 g/m <sup>2</sup>
<b>Paper Capacity</b>		
Cassette	1x 250 sheets	1x 250 sheets
Bypass	1x 100 sheets	1x 100 sheets
Max.	900 sheets	2,000 sheets
<b>Output Capacity</b>	150-sheet capacity	250-sheet capacity
<b>Automatic Duplex</b>	A4/custom, 60-90 g/m <sup>2</sup>	
<b>Colour Touch Panel</b>	7.2 cm (2.8")	10.9 cm (4.3")
<b>Memory</b>		
Standard/Max.	512 MB/512 MB (no HDD)	2 GB/2 GB (500 GB HDD)
<b>Interface</b>	10Base-T/100Base-TX/1000Base-T (incl. IPv6), High Speed USB 2.0, WLAN <sup>1)</sup> (IEEE802.11 ac/a/b/g/n)	
<b>Dimensions</b>		
W x D x H	411 x 366 x 339 mm	489 x 430 x 477 mm
Weight	~ 12.8 kg	~ 20.6 kg
<b>Initial Consumables</b>	Starter cartridge with Toner and Imaging unit	

## Print

	e-STUDIO409s	e-STUDIO448s
<b>Resolution</b>	Max.: 600 x 600 dpi	Max.: 1,200 x 1,200 dpi
<b>First Print Output Time</b>	~ 5.9 seconds	~ 6 seconds
<b>Page Description Language</b>	PCL 6, PCL 5, PostScript 3 and PDF v1.7 emulation, XPS <sup>2)</sup> , PPDs <sup>3)</sup>	
<b>Supported Systems</b>	Windows 10/8/8.1 Windows Server 2016/ Server 2012/ Server 2008 (32/64 bit), Windows Server 2012 R2/ Server 2008 R2 (64bit), Mac OS X 10.6-10.13 <sup>3)</sup> , Linux/Unix, Novell NetWare, Citrix, SAP	
<b>Mobile Printing</b>	AirPrint, Mopria Print Service	
<b>Print Functions</b>	Universal Printer Driver, Print from USB, Print from SharePoint <sup>1)2)</sup> , Multiple pages per sheet, Envelope printing	

## Scan

	e-STUDIO409s	e-STUDIO448s
<b>Resolution</b>		
Colour	Max.: 600 x 600 dpi	
Monochrome (Mono)	Max.: 1,200 x 1,200 dpi (via platen, network or USB TWAIN driver)	
<b>Scan Speed</b>		
Simplex Colour/Mono	20/46 ipm (300 dpi)	22/42 ipm (300 dpi)
Duplex Colour/Mono	40/92 ipm (300 dpi)	48/84 ipm (300 dpi)
<b>Document Feeder</b>	50 sheets, A6-A4 custom, 60-90 g/m <sup>2</sup>	50 sheets, A6-A4 custom, 52-120 g/m <sup>2</sup>
<b>File Formats</b>	TIFF, JPG, PDF, Secure PDF, PDF/A, XPS <sup>2)</sup>	
<b>Scan Functions</b>	WS Scan, Scan to E-Mail, Scan to USB, Scan to File	
	Scan to FTP, Scan to Network Share Folder	Scan to SharePoint <sup>1)</sup> , Scan preview, e-STUDIO Scan, TWAIN

## Copy

	e-STUDIO409s	e-STUDIO448s
<b>Resolution</b>	Max.: 600 x 600 dpi	
<b>First Copy Output Time</b>	~ 5.9 seconds	~ 6 seconds
<b>Zoom</b>	25 - 400 %	
<b>Copy Modus</b>	Text, Text/Photo	
<b>Copy Functions</b>	Multiple pages per copy, Mixed-size copy <sup>2)</sup> , Margin Shift <sup>2)</sup> , ID Card Copy	

## System & Security

<b>System Features</b>	Energy saving modes, Automatic toner saturation/darkness adjustment, Remote user interface <sup>1)2)</sup>
<b>Accounting &amp; Security</b>	Private print, IP address filter, Port filter, Support of SNMPv3, SSL and IPsec protocols, 802.1x authentication, Operator panel lock <sup>2)</sup> , Non-volatile memory wipe, Hard disk encryption <sup>2)</sup> , Automatic hard disk wiping <sup>2)</sup> , End-of-life disk wiping <sup>2)</sup>

## Options

<b>250-sheet Drawer<sup>2)</sup></b>	250-sheet capacity, A5-A4, 60-120 g/m <sup>2</sup>
<b>550-sheet Drawer<sup>3)</sup></b>	550-sheet capacity, A5-A4, 60-120 g/m <sup>2</sup>

<b>Swivel Cabinet</b>	
<b>Adjustable Printer Stand</b>	
<b>User Flash Memory<sup>2)</sup></b>	
<b>Wireless LAN Module<sup>2)</sup></b>	
<b>Forms and Barcode Card<sup>2)</sup></b>	

<b>PRESCRIBE Card<sup>2)</sup></b>	
<b>IPDS Card<sup>2)</sup></b>	
<b>Security Element<sup>2)</sup></b>	



<sup>1)</sup> Optional  
<sup>2)</sup> e-STUDIO448s only  
<sup>3)</sup> Different for e-STUDIO409s and e-STUDIO448s

## About Toshiba Tec

Toshiba Tec Switzerland AG is part of the globally operating Toshiba Tec Corporation, active in various high-tech industrial sectors.

Toshiba Tec Corporation 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:

### Toshiba Tec Switzerland AG

Herostrasse 7  
8048 Zürich

### Telephone

044 439 71 71

### Fax

044 439 71 72

### Website

[www.toshibatec.ch](http://www.toshibatec.ch)



**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.**

