

**e-STUDIO408s**

**e-STUDIO448s**

## Product brochure

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- A4 monochrome multifunction systems with full functionality to print, scan, copy and fax.
- Impeccable document output quality with an impressive print speed of up to 40/44 pages per minute respectively.
- Eco-friendly features and optimised energy consumption to save resources.



# ALL-IN-ONE



If you are looking for a powerful multifunction system packed with features, search no more. The e-STUDIO408s and e-STUDIO448s are true all-rounders which will 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 40 and 44 pages per minute and a maximum paper capacity of 900 and 2,000 sheets respectively, ensure the e-STUDIO408s and e-STUDIO448s cover the needs of small- and medium-sized companies and workgroups. Thanks to the flexible connectivity possibility 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 and allow you to protect your documents.

To ensure an optimised power consumption and reduce the impact your business has on the environment, the e-STUDIO408s and e-STUDIO448s offer various print and energy-save settings. These will help you save valuable resources and money.

# CONFIGURATION



\* Up to one additional drawer can be added.  
\*\* Up to three additional drawers can be added.

# SPECIFICATIONS

## General

<b>Print Speed</b>	40/44 ppm
<b>Warm-up Time</b>	Approx. 9 seconds (from sleep mode)
<b>Paper Size &amp; Weight</b>	A6-A4/custom, 60-120 g/m <sup>2</sup> (Cassette) 76x127 mm - 216x356 mm, 60-216 g/m <sup>2</sup> (Bypass)
<b>Paper Capacity</b>	<b>e-STUDIO408s:</b> 1x 250 sheets (Cassette), 1x 100 sheets (Bypass) Maximum 900 sheets <b>e-STUDIO448s:</b> 1x 250 sheets (Cassette), 1x 100 sheets (Bypass) Maximum 2,000 sheets
<b>Inner Output Tray</b>	150-sheet/250-sheet capacity
<b>Automatic Duplex</b>	A4/custom, 60-90 g/m <sup>2</sup>
<b>Control Panel</b>	10.9 cm (4.3") Colour touch panel
<b>Memory</b>	<b>e-STUDIO408s:</b> Standard: 1 GB, Maximum: 1 GB (no HDD) <b>e-STUDIO448s:</b> Standard: 2 GB, Maximum: 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 2x2 MIMO Wireless)
<b>Dimension &amp; Weight</b>	<b>e-STUDIO408s:</b> 399 x 430 x 467 mm (W x D x H), ~ 19.4 kg <b>e-STUDIO448s:</b> 489 x 430 x 477 mm (W x D x H), ~ 20.6 kg
<b>Starter Kit</b>	Starter cartridge with Toner and Imaging unit

## Print

<b>Resolution</b>	Maximum 1,200 x 1,200 dpi
<b>First Print Output Time</b>	Approx. 6.25/6 seconds
<b>Page Description Language</b>	PCL 6, PCL 5, PostScript 3 and PDF v1.7 emulation, XPS, PPDS
<b>Supported Systems</b>	Windows 10/8/8.1/7, 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, Linux/Unix, Novell NetWare, Citrix, SAP
<b>Mobile Printing</b>	AirPrint, Mopria Print Service, Google Cloud Print
<b>Print Functions</b>	Universal Printer Driver, Print from USB, Print from SharePoint <sup>1)</sup> , Multiple pages per sheet, Envelope printing

## Scan

<b>Resolution</b>	Colour: max. 600 x 600 dpi Mono: max. 1,200 x 1,200 dpi (via platen, network or USB TWAIN driver)
<b>Scan Speed</b>	<b>e-STUDIO408s:</b> Simplex: Colour/Monochrome 20/42 ipm (300 dpi) Duplex: Colour/Monochrome 10.5/20 ipm (300 dpi) <b>e-STUDIO448s:</b> Simplex: Colour/Monochrome 22/42 ipm (300 dpi) Duplex: Colour/Monochrome 44/84 ipm (300 dpi)
<b>Document Feeder</b>	Simplex/Duplex: 50 sheets, A6-A4/custom, 52-120 g/m <sup>2</sup>
<b>File Formats</b>	TIFF, JPEG, PDF, Secure PDF, PDF/A, XPS
<b>Scan Functions</b>	WS Scan, Scan to E-Mail, Scan to USB, Scan to File, Scan to SharePoint <sup>1)</sup> , Scan preview, e-STUDIO Scan, TWAIN

## Copy

<b>Resolution</b>	Maximum 600 x 600 dpi
<b>First Copy Output Time</b>	Approx. 6.5/6 seconds
<b>Zoom</b>	25 - 400%
<b>Copy Modus</b>	Text, Text/Photo
<b>Copy Functions</b>	Multiple pages per copy, Mixed-size copy, Margin Shift, ID Card copy

## Fax

<b>Communication</b>	Super G3, G3
<b>Transmission Speed</b>	Approx. 3 seconds per page
<b>Compression</b>	JBIG, JBIG2, MMR, MR, MH, JPEG
<b>Fax Functions</b>	Colour fax, Speed Dial (up to 500 destinations), Group dialing, Network fax
<b>Incoming Fax Routing</b>	To shared folders, E-Mail

## System & Security

<b>Device Management</b>	e-BRIDGE Fleet Management System <sup>1)</sup>
<b>System Features</b>	Energy saving modes, Automatic toner saturation/darkness adjustment, Remote User Interface <sup>1)</sup>
<b>Accounting &amp; Security</b>	Private print, IP address filter, Port filter, Support of SNMPv3, SSL and IPsec protocols, 802.1x authentication <sup>1)</sup> , Operator Panel Lock, 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</b>	250-sheet capacity, A5-A4, 60-120 g/m <sup>2</sup>
<b>550-sheet Drawer</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</b>
<b>Wireless LAN Module</b>
<b>Forms &amp; Barcode Card</b>
<b>PRESCRIBE Card</b>
<b>IPDS Card</b>

**Security Element**



<sup>1)</sup> Optional

<sup>2)</sup> e-STUDIO448s only

## About Toshiba Tec

Toshiba Tec Germany Imaging Systems GmbH 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 Germany Imaging Systems GmbH**

Carl-Schurz-Str. 7  
41460 Neuss  
Germany

### **Telephone**

+49 2131-1245-0

### **Website**

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

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.

