TOSHIBA

e-STUDIO409s
e-STUDIO448s

Datasheet

- Compact and powerful A4 monochrome multifunctional printer with print, scan, copy, and fax functionality.

- For excellent quality document output and impressive speed of up to 40/44 pages per minute.

- Dual-scan document feeder with a scanning speed of up to 92 images per minute.

- Both models are designed to meet the highest environmental standards and have a low energy consumption, helping to save money and valuable resources.
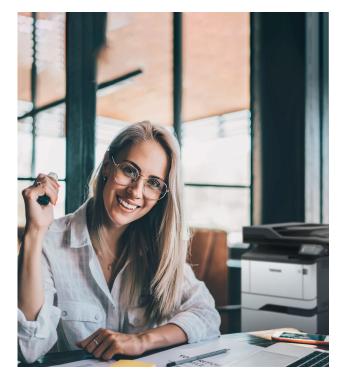
e-CONCEPT®

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. For perfect and variable integration into modern office environments, mobile print integrations as well as a USB 2.0 interface for printing and scanning are available.

The e-STUDIO409s/448s are also ideal for digitising documents. With a scanning speed of up to 92 images per minute, even larger volumes can be processed at high speed. The dual-scan document feeder digitises quickly and efficiently, as the documents do not have to be turned over for a double-sided scan. The issue of data protection is of great importance. A wide range of security features and settings are available to protect the systems from unauthorised access. Additional security protocols and individual settings complete the security concept.

To ensure an optimised power consumption and reduce the impact your business has on the environment, the e-STUDIO409s and the e-STUDIO448s offer various print and energy save settings. These will help you save valuable resources and money.

Configuration

e-STUDIO448s

e-STUDIO409s

550-sheet Drawer*   550-sheet Drawer**   250-sheet Drawer**

Swivel Cabinet   Adjustable Printer Stand

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

Specifications

General

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

Print

	e-STUDIO409s	e-STUDIO448s
Resolution	Max.: 600 x 600 dpi	Max.: 1,200 x 1,200 dpi
First Print Output Time	~ 5.9 seconds	~ 6 seconds
Page Description Language	PCL 6, PCL 5, PostScript 3 and PDF v1.7 emulation, XPS[2], PPDS[2]	
Supported Systems	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[2], Linux/Unix, Novell NetWare, Citrix, SAP	
Mobile Printing	AirPrint, Mopria Print Service	
Print Functions	Universal Printer Driver, Print from USB, Print from SharePoint[1)2], Multiple pages per sheet, Envelope printing	

Scan

	e-STUDIO409s	e-STUDIO448s
Resolution		
Colour	Max.: 600 x 600 dpi	
Monochrome (Mono)	Max.: 1,200 x 1,200 dpi (via platen, network or USB TWAIN driver)	
Scan Speed		
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)
Document Feeder		
Simplex/Duplex	50 sheets, A6-A4 custom, 60-90 g/m^2	50 sheets, A6-A4 custom, 52-120 g/m^2
File Formats	TIFF, JPG, PDF, Secure PDF, PDF/A, XPS[2]	
Scan Functions	WS Scan, Scan to E-Mail, Scan to USB, Scan to File	
	Scan to FTP, Scan to Network Share Folder	Scan to SharePoint[1], Scan preview, e-STUDIO Scan, TWAIN

Copy

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

Fax

Communication	Super G3
Transmition Speed	~ 3 seconds per page
Compression	JBIG, JBIG2, MMR, MR, MH, JPEG
Fax Functions	Fax, Speed Dial (up to 500 destinations), Group dialing, Network fax
Incoming Fax Routing	To shared folders, E-Mail

System & Security

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

Options

250-sheet Drawer [2] KD-2060	250-sheet capacity, A5-A4, 60-120 g/m^2
550-sheet Drawer [3] KD-1074	550-sheet capacity, A5-A4, 60-120 g/m^2
Swivel Cabinet – MH-3100	
Adjustable Printer Stand – KK-3200	
User Flash Memory [2] – GC-1420	
Wireless LAN Module [1) 4] – GN-1170	
Forms and Barcode Card [2] – GB-2080LXK	
PRESCRIBE Card [2] – GB-2090LXK	
IPDS Card [2] – GB-2100LXK	

Works with Apple AirPrint

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[1] Optional
[2] e-STUDIO448s only
[3] Different for e-STUDIO409s and e-STUDIO448s
[4] Within the IDD Territory, the Wireless Module is available in the following countries: Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Greece, Hungary, Latvia, Lithuania, Luxembourg, Malta, Portugal, Romania, Slovakia and Slovenia

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.

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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.