### **TOSHIBA**

# ©-STUDIO408s ©-STUDIO448s

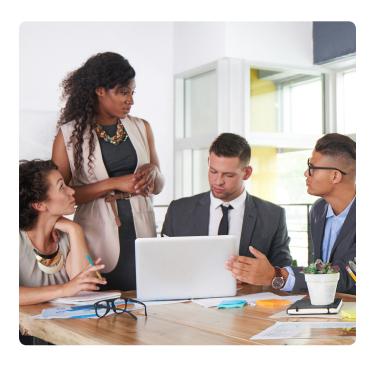
# Product brochure

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





## **ALL-IN-ONE**

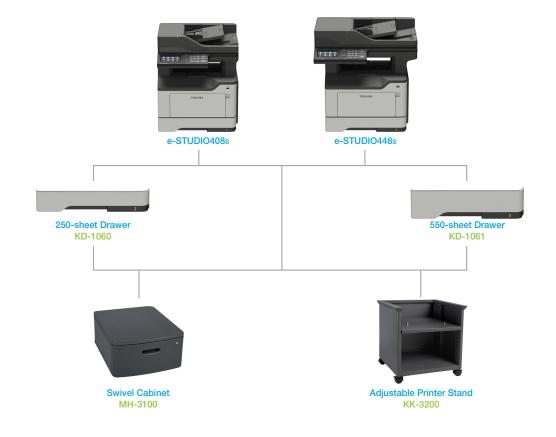


If you are looking for a powerful multifunction system packed with features, search no more. The e-STUDIO408s and e-STUDIO448s are true all-rounders that will boost your efficiency. Via the touch screen, you can easily access all functions and apps, which are installed on the systems.

With print speeds up to 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 flexible connectivity and the support of mobile printing the devices excel in modern business environments and workflows. 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



### **SPECIFICATIONS**

### e-STUDIO408s

#### **G**eneral

Print Speed 40 ppm

Warm-up Time Approx. 9 seconds (from sleep mode)

Paper Size & Weight A6-A4/custom, 60-120 gsm (Cassette)
76x127 mm - 216x356 mm, 60-216 gsm (Bypass)

Paper Capacity 1x 250 sheets (Cassette), 1x 100 sheets (Bypass)

Maximum 900 sheets

Inner Output Tray 150-sheet capacity

Automatic Duplex A4/custom, 60-90 gsm

Control Panel 10.9 cm (4.3") Colour touch panel

MemoryStandard: 1 GB, Maximum: 1 GB (no HDD)Interface10Base-T/100Base-TX/1000Base-T (incl. IPv6),

High Speed USB 2.0, WLAN¹¹ (IEEE802.11 ac/a/b/

g/n 2x2 MIMO Wireless)

Dimensions & Weight 399 x 430 x 467 mm (W x D x H),  $\sim$  19.4 kg

Starter Kit Starter cartridge with Toner and Imaging unit

# Copy Modes Copy Functions

Fax

Zoom

Copy

Resolution

First Copy Output Time

Communication Super G3, G3

**Transmission Speed** Approx. 3 seconds per page **Compression** JBIG, JBIG2, MMR, MR, MH, JPEG

Fax Functions Colour fax, Speed Dial (up to 500 destinations),

Group dialling, Network fax

Maximum 600 x 600 dpi

Margin Shift, ID Card copy

Multiple pages per copy, Mixed-size copy,

Approx. 6.5 seconds

Text, Text/Photo

25 - 400%

Incoming Fax Routing To shared folders, E-Mail

#### **Print**

Resolution Maximum 1,200 x 1,200 dpi
First Print Output Time Approx. 6.25 seconds

Page Description Language PCL 6, PCL 5, PostScript 3 and PDF v1.7 emulation, XPS, PPDS

**Supported Systems** 

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 10.6-10.11, Linux/Unix, Novell NetWare, Citrix, SAP

Linux/Unix, Novell Netware, Citrix, SAP

 Mobile Printing
 AirPrint, Mopria Print Service, Google Cloud Print

 Print Functions
 Universal Printer Driver, Print from USB, Print from

SharePoint<sup>1)</sup>, Multiple pages per sheet, Envelope

printing

#### Scan

**Resolution** Colour: max. 600 x 600 dpi

Mono: max. 1,200 x 1,200 dpi (via platen, network

or USB TWAIN driver)

Scan Speed Simplex: Colour/Monochrome 20/42 ipm (300 dpi)
Duplex: Colour/Monochrome 10.5/20 ipm (300 dpi)

**Document Feeder** Simplex/Duplex: 50 sheets, A6-A4/custom,

52-120 gsm

File Formats TIFF, JPEG, PDF, Secure PDF, PDF/A, XPS

Scan Functions WS Scan, Scan to E-Mail, Scan to USB, Scan to

File, Scan to SharePoint<sup>1)</sup>, Scan preview,

e-STUDIO Scan, TWAIN

#### System & Security

System Features Energy saving modes, Automatic toner saturation/

darkness adjustment, Remote User Interface1)

Accounting & Security 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

#### **Options**

250-sheet Drawer

250-sheet capacity, A5-A4, 60-120 gsm 550-sheet capacity,

A5-A4, 60-120 gsm

**Swivel Cabinet** 

550-sheet Drawer

Adjustable Printer Stand
User Flash Memory
Wireless LAN Module
Forms & Barcode Card

IPDS Card

Smart Card for Secure Key

FSM Card Reader

PRESCRIBE Card



<sup>1)</sup> Optional

### **SPECIFICATIONS**

### e-STUDIO448s

#### **General**

Print Speed 44 ppm

Warm-up Time Approx. 9 seconds (from sleep mode)
Paper Size & Weight A6-A4/custom, 60-120 gsm (Cassette)

A6-A4/custom, 60-120 gsm (Cassette) 76x127 mm - 216x356 mm, 60-216 gsm (Bypass)

Paper Capacity 1x 250 sheets (Cassette), 1x 100 sheets (Bypass)

Maximum 2,000 sheets

Inner Output Tray 250-sheet capacity

Automatic Duplex A4/custom, 60-90 gsm

Control Panel 10.9 cm (4.3") Colour touch panel

Memory Standard: 2 GB, Maximum: 2 GB - 500 GB HDD

Interface 10Base-T/100Base-TX/1000Base-T (incl. IPv6),

High Speed USB 2.0, WLAN¹¹ (IEEE802.11 ac/a/b/

g/n 2x2 MIMO Wireless)

**Dimensions & Weight** 489 x 430 x 477 mm (W x D x H),  $\sim$  20.6 kg

Starter Kit Starter cartridge with Toner and Imaging unit

#### **Print**

Resolution Maximum 1,200 x 1,200 dpi

First Print Output Time Approx. 6 seconds

Page Description PCL 6, PCL 5, PostScript 3 and PDF v1.7

**Language** emulation, XPS, PPDS

Supported Systems 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 10.6-10.11,

Linux/Unix, Novell NetWare, Citrix, SAP

 Mobile Printing
 AirPrint, Mopria Print Service, Google Cloud Print

Print Functions Universal Printer Driver, Print from USB, Print from SharePoint<sup>1)</sup>, Multiple pages per sheet, Envelope

printing

#### Scan

**Resolution** Colour: max. 600 x 600 dpi

Mono: max. 1,200 x 1,200 dpi (via platen, network

or USB TWAIN driver)

Scan Speed Simplex: Colour/Monochrome 22/42 ipm (300 dpi)

Duplex: Colour/Monochrome 44/84 ipm (300 dpi)

**Document Feeder** Simplex/Duplex: 50 sheets, A6-A4/custom,

52-120 gsm

File Formats TIFF, JPEG, PDF, Secure PDF, PDF/A, XPS

Scan Functions 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

**Resolution** Maximum 600 x 600 dpi

First Copy Output Time Approx. 6 seconds

700m 25 - 400%

Copy Modes Text, Text/Photo

Copy Functions Multiple pages per copy, Mixed-size copy,

Margin Shift, ID Card copy

#### **Fax**

Communication Super G3, G3

Transmission Speed Approx. 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 shared folders, E-Mail

#### System & Security

System Features Energy saving modes, Automatic toner saturation/

darkness adjustment, Remote User Interface<sup>1)</sup>

Accounting & Security 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, Automatic hard disk wiping, End-of-life disk wiping

#### **Options**

**250-sheet Drawer** 250-sheet capacity, A5-A4, 60-120 gsm

550-sheet Drawer 550-sheet capacity, A5-A4, 60-120 gsm

**Swivel Cabinet** 

Adjustable Printer Stand

User Flash Memory
Wireless LAN Module
Forms & Barcode Card
PRESCRIBE Card

IPDS Card

Smart Card for Secure Key

FSM Card Reader

1) Optional

#### www.toshibatec.ch

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