

TOSHIBA

e-STUDIO 4528A

Monochrome Multifunctional Printers

- > Up to 45 PPM
- > Compact Design
- > Advanced Security Features
- > Solutions Ready
- > Environmentally Friendly



**TOGETHER
INFORMATION**

MAIN SPECIFICATIONS

Copy Process	Indirect Electrostatic Photographic/OPC/Laser Printing/Heat Roller Fusing
Display	10.1" Colour WSVGA Touch Screen Tilting Display
Copy Speed	45 ppm (A4)
Warm-Up Time	Monochrome: Less Than 3.6 Seconds From Powering on: Approx. 20 Seconds From Sleep & Low Power: Less Than 20 Seconds
Copy Resolution	600 x 600 dpi
Stack Feed Bypass	A3 - 100 x 148 mm, Envelope
Multiple Copying	Up to 999 Copies
Paper Capacity	Standard 1,200 Sheets/Max. 5,200 Sheets
Original Feed	300 - Sheet DSDf or DSDf with Double Feed Detection or 100 - Sheet RADf
Scan Speed	DSDf Scan: 70 ipm, (Monochrome or Colour), RADf Scan: 50 ipm
Max. Original Size	LD/A3
Paper Feed Sizes	Drawer 1: 550 Sheets, A3 - A5R Drawer 2: 550 Sheets, 320 x 460 mm to A5R Stack Feed Bypass: 320 x 460 mm to 100 x 148 mm Opt. 550 - Sheet Paper Pedestal - 320 x 460 mm to A5R Opt. 550 - Sheet Drawer for PFP - 320 x 460 mm to A5R Opt. Envelope Cassette for PFP - A4R, B5R, A5R, 16K-R Opt. 2,000 - Sheet Tandem LCF (Pedestal Type) - A4 Only Opt. 2,000 - Sheet External LCF - A4 Only
Paper Weights	Standard: 550 Sheets x 60 - 256 gsm Stack Feed Bypass: 100 Sheets x 60 - 256 gsm Opt. 550 - Sheet Paper Feed Pedestal x 60 - 256 gsm Opt. 550 - Sheets Drawer for PFP x 60 - 256 gsm Opt. Envelope Cassette for PFP x 60 - 256 gsm Opt. 2,000 - Sheet Tandem LCF (Pedestal Type) 60 - 256 gsm Opt. 2,000 - Sheet External LCF 60 - 256 gsm Standard Automatic Duplex Unit 60 - 256 gsm
Duplex	Standard Automatic Duplex Unit 60 - 256 gsm
Reproduction Ratio	25% to 400%
Weight	Approx. 57kg
Approx. Dimensions	585 x 586 x 787 mm (W x D x H)
Memory	4GB
Hard Disk Drive	128GB Solid State Drive (SSD)

e-BRIDGE NEXT PRINT SPECIFICATIONS

PDL	PCL5e, PCL5c, PCL6 (PCL XL), PS3, PDF, XPS, JPEG
Print Resolution	600 x 600 dpi (5 bit), 1,200 x 1,200 dpi (2 bit) or 3,600 (Equivalence) x 1,200 dpi (BW/with Smoothing) (PS3 Only)
Operating Systems	Windows® 8.1, 10, 11, Windows Server® 2012/R2, Windows Server® 2016/19/22, Macintosh® (macOS X 10.10-15, 12), Unix®, Linux®
Network Protocols	TCP/IP (IPv4, IPv6), NetBIOS over TCP/IP, IPX/SPX® for Novell® Environments, EtherTalk for Macintosh Environments
Printing Protocols	SMB V1-3, LPR/LPD, IPP V1.2 w/Authentication (TLS 1.2/1.3), AppleTalk® PAP or EtherTalk, Port 9100 (Bi-Directional), NetWare P-SERVER LPD w/iPrint, Bluetooth (HCRP/BIP/OPP/FTP), WS Print, FTP
Print Drivers	Windows® 8.1 (32-bit, 64-bit), Windows Server® 2012/R2 (64-bit), Windows Server® 2016/19/22, Windows® 10, 11 (64-bit), macOS X 10.12-15, 11, 12
Interface	RJ-45 Ethernet (10/100/1000 Base-T), USB 2.0 (High-Speed) Optional IEEE802.11b/g/n, Wireless LAN, Optional Bluetooth
Wireless Device	AirPrint®, Mopria®, e-BRIDGE Print & Capture Application on iOS and Android (Available via Apple® App Store or Google Play)
Device Management	TopAccess
Account Control	Up to 10,000 Users or 1,000 Departments Supports User Authentication (on Device), Login Name/Password (via Windows® Domain) or Login Name/Password (via LDAP Server) for Copy, Print, Scan, Fax, List, and User Function
Accessibility Features	Tilt Front Panel, Job Programs, Universal Grip for Paper Trays, Disable Screen Timeout, Audible Beeps, Optional Voice Assist



Security Features

User Authentication, Trusted Platform Module, On-Board Data Scramble Function, SCEP, Disable, e-Filing, Disable Copy, Disk Overwrite, IP Address Filtering (10 Sets), MAC Address Filtering (10 Sets), Network Service Control, Network Port Control, SMB Packet Signing, SSL/TLS (HTTP, IPP, LDAP, SMTP, POP, FTP, DPWS, SYSLOG), IPsec (IKEv1, IKEv2), Security Mode Change, CC Certified (ISO/IEC15408)* with HCD-PP v1.0, IEEE802.1X (Wired/Wireless), Digital Signature for Client Utilities, Password Policy, Password Lock, Password Expiration, Self Testing, Job Access Control, Log Access Control for Job Log, Security Stamp, Role Based Access Control, Secure PDF, Digital Signature for Firmware Update, Integrity Check Function, Image Log, Card Authentication, Biometric Authentication
*Conformance with HCD-PPv1.0 in High Security Mode
ENERGY STAR® (V3.1), EPEAT Gold, Californian Proposition 65 WHQL (Windows® 8, 8.1, 10, 11, 2012, 2012 R2, 2016/19/22), Novell®, Citrix®, SAP, AirPrint® and Mopria®

Environmental Standards Certifications

SCAN SPECIFICATIONS

Scan Speed	DSDf Scan: Up to 240 ipm Duplex, 120 ipm Simplex (Monochrome or Colour) RADf Scan: Up to 73 ipm (Monochrome or Colour) Standard: Full Colour, Auto Colour, Monochrome, Grayscale DOC/XLS/PPT/PDF
Scan Modes	600 dpi, 400 dpi, 300 dpi, 200 dpi, 150 dpi, 100 dpi
OCR	Monochrome: TIFF-Multi/Single Page, PDF-Multi/Single Page, Searchable PDF, XPS-Multi/Single Page, DOCX, XLSX, PPTX
Scan Resolution	Colour/Grayscale: JPEG, TIFF-Multi/Single Page, PDF-Multi/Single Page, Slim PDF, Searchable PDF, XPS-Multi/Single Page, DOCX, XLSX, PPTX
File Formats	Colour/Grayscale: JPEG (High, Middle, Low)
Image Compression	

FACSIMILE SPECIFICATIONS

Compatibility	Super G3
Data Compression	MH/MR/MMR/JBIG
Transmission Speed	Approx. 3 Seconds Per Page
Fax Modem Speed	Up to 33.6 Kbps
Memory Transmission	100 Jobs (with HDD), 2,000 Destinations Max. 400 Destinations/Job
Scan Speed	0.7 Seconds Per Page, Maximum 73 ipm

e-FILING SPECIFICATIONS

Operation Method	Colour Touch Screen Control Panel or Client PC
Number of Boxes	1 Public Box, 200 Private User Boxes
Capacity of Boxes	100 Folders Per Box, 400 Documents Per Folder/Box, 200 Pages Per Document

ACCESSORIES (OPTIONS)

Platen & Document Feeder Options

DSDf	MR4010	Multi-Station Print Enabler	
DSDf with Double Feed Detection	MR4020	Per Seat License	GS1090NODE
RADf	MR3033	e-BRIDGE Plus for OneDrive	
Platen Cover	KA5005PC	for Business V3.0	GB2300NODE

Additional Paper Options

Paper Feed Pedestal	KD1072	Online V3.0	GB2310NODE
Drawer Module	MY1052	e-BRIDGE Plus for Exchange	
Envelope Cassette Option	MY1053	Online V3.0	GB2320NODE
Large Capacity Feeder	KD1073A4	e-BRIDGE Plus for Gmail	GB2380NODE
External Large Capacity Feeder	MP2002A	e-BRIDGE Plus for Google Workspace	GB2390NODE

Finishing Options

Inner Finisher	MJ1048	Security SSD (512GB)	GE1280
Multi-Staple Finisher	MJ1113	FIPS HDD (320GB)	GE1260
Saddle-Stitch Finisher	MJ1114	e-BRIDGE Plus Voice Guidance	GB2540NODE
Hole Punch for Inner Finisher	MJ6011	e-BRIDGE Global Print	GB2550NODE
Hole Punch for Console Finisher	MJ6107		

Miscellaneous Options

Bridge Kit	KN5005	Card Reader Holder	GR1320
Job Separator (e-STUDIO4528A)	MJ5014	Accessory Tray	GR1330
Job Separator (3528A/4528A)	MJ5015	Panel 10-Key Option	GR1340
Connectivity/Security Options		Work Tray	KK5005
FAX Unit/2 nd Line for FAX Unit	GD1370EU	Manual Pocket	KK5008
Wireless LAN/Bluetooth	GN4030A3	Harness for Coin Controller	GQ1280
IP Fax Enabler	GS1100NODE	Accessible Arm	KK2560
2 nd NIC Holder	GR1430		
USB Hub	GR1420		
Meta Scan Enabler	GS1010NODE		
IPSec Enabler	GP1080NODE		
Unicode Font Enabler	GS1007NODE		

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