d-**Copia**
4523MF, 4524MF

EFFICIENCY, SECURITY AND CARE FOR THE ENVIRONMENT

d-Copia 4523MF and d-Copia 4524MF are the A4 monochromatic, multifunctional machines offering **45 pages per minute**, ideal for dynamic, medium and large-sized work groups, as well as for remote work.

Workflows have been simplified, thanks in part to an elegant and intuitive user interface which offers a simple and fluid user experience. Thanks to the **simultaneous multiple domain** option integrated into the scanner, it is easier to digitalise and forward many electronic documents.

The ample mobile connectivity and safety provided by the **Data Security Kit**, which comes already built into the machine and can be activated with the installation of an optional storage device, ensure excellent performances and reliability, guaranteeing the kind of operational flexibility which is indispensable in the everyday routine of the modern office.

The long-lasting components and **modest energy consumption** help to satisfy environmental requirements, as well as **saving on management costs**.

TECHNICAL SPECIFICATIONS

GENERAL

Type: Desk Printer/Scanner/Copier. Fax (only **d-Copia 4524MF**)
Technology: Black and white laser
Print/copy speed (per minute): up to 45 A4 ppm
Duplex print/copy speed (per minute): up to 22.5 A4 ppm
Processor: ARM Cortex-A53 Dual Core 1.4GHz
Resolution: 1200 x 1200 dpi (printing); 600 x 600 dpi (scanning/copying)
Operation panel: 21-character, 5-row LCD **Warm-up time:** 16 seconds maximum
First print out time: 5.3 seconds max.
First copy out time from DP: 6 seconds max. **First copy out time from glass:** 7 seconds max.
Memory: Standard 1.5 GB; max. 3.5 GB (optional)
Standard interfaces: USB 2.0 (Hi-Speed), 1 USB Host Interface, Gigabit Ethernet (10BaseT/100BaseTX/1000BaseT), Wireless LAN optional (IEEE 802.11b/g/n), 1 eKUIO slot for optional internal print server or SSD hard disk, optional slot for SD card
Built-in counter: 100 department codes
Duty cycle (pages/month): 15,000
Dimensions (L x D x H): 475 mm x 476 mm x 575 mm
Weight: approx. 22.3 kg (excluding toner)
Power supply: AC 220 V ~ 240 V, 50/60 Hz
Energy consumption while printing/copying:
d-Copia 4523MF: 584.7 W/601.6 W;
d-Copia 4524MF: 594.1 W/606 W
Energy consumption in ready mode:
d-Copia 4523MF: 54.9 W;
d-Copia 4524MF: 55.9 W
Energy consumption in stand-by:
d-Copia 4523MF: 0.5 W;
d-Copia 4524MF: 0.6 W
Noise levels
(sound pressure level ISO 7779/ISO 9296): during printing: 54 dB(A) LpA
in stand-by: 30 dB(A) LpA
TEC (Typical Electricity Consumption): 0.61 KWh/week
Safety standards: TÜV/GS, CE
These products are manufactured by a company that operates in accordance with ISO 9001 quality standards and ISO 14001 environmental standards.

PAPER HANDLING

All paper capacities shown are based on a maximum paper thickness of 0.11mm under normal environmental conditions.
Multi-use bypass: 100 sheets, 60-220 g/m², A4, A5, A6, B5, B6, Letter, Legal, Folio, Custom (70×140 mm - 216×356 mm), paper for banners up to 915 mm
Standard tray: for 500 sheets, 60-120 g/m², A4, A5, B5, Letter, Legal, Folio, Custom (140×210 mm - 216×356 mm)
Optional PF-3110 tray:
max 500 sheets, 60-120 g/m², A4, A5, B5, Letter, Legal, Custom (92×162 mm - 216×356 mm) (max 4 additional trays)
Maximum input paper capacity:
2,600 A4 sheets (with additional trays) **Reversing automatic document feeder:** 75-sheet RADF, 50-120 g/m², A4, A5, B5, Letter, Legal, Custom (105×148 mm - 216×356 mm)
Output paper capacity: 250 sheets face down
Standard duplex function: 60-120 g/m², A4, A5, B5, Letter, Legal, Custom (140×210 mm - 216×356 mm)

PRINT FUNCTION

Print speed per minute: up to 45 A4 ppm
Emulations: PCL 6 (5c/XL), KPDL 3 (PostScript 3 compatible), PDF Direct Print, XPS Direct Print, AES, Direct Print TIFF/JPEG, Open XPS, URF, PWG Raster, PCLm, Line Printer, IBM Proprinter, Epson LQ-850
Operating systems: All current Windows operating systems, Mac OS X 10.9 or later, Chrome OS, Linux
Fonts/barcodes: 93 scalable fonts (PCL6/KPDL3); 4 fonts (Calibri); 4 fonts (Cambria); 1 Bitmap font; 45 types of one-dimensional barcodes and 1 type of two-dimensional barcode (PDF417)
Mobile printing supported: Olivetti Mobile Print for iOS and Android, AirPrint®, Wi-Fi Direct® (optional)
Print functions: Direct PDF printing, IPP 1.0 internet printing, email printing, WSD printing, secure IPP printing via TLS, local and network authentication, IPsec network data encryption, HTTPS, LDAP via TLS, SNMPv3, SMTP via TLS, POP via TLS, encrypted direct PDF printing, printing for Chrome OS

COPY FUNCTION

Max copy speed: 45 x A4 ppm
Max format of original: A4, Legal
Continuous copying: 1-999
Zoom: 25-400 % with increments of 1 %
Predefined magnification ratios: 7 reductions/5 magnifications
Image adjustment: Text + photo, photo, text, diagram/map, printed document
Other functions: Electronic collation, identity card copying, 2-in-1, 4-in-1, automatic tray selection, blank page removal

SCAN FUNCTION

Features: Scan-to-Email, Scan-to-FTP, Scan-to-SMB, Scan to USB Host, Network TWAIN, WIA, WSD scan, scanning on Chrome OS, AirPrint®
Scan speed:
one side only: 60 ipm (300 dpi, A4, B&W), 40 ipm (300 dpi, A4, colour);
duplex: 26 ipm (300 dpi, A4, B&W), 17 ipm (300 dpi, A4, colour)
Scan resolution: 600 dpi, 400 dpi, 300 dpi, 200 dpi, 256-level grey scale
Maximum scan format: A4, Legal
Identifying originals: Text, photo, text + photo, light text/fine lines, optimised for OCR
File types: TIFF/JPEG, XPS, Open XPS, PDF, PDF/A, PDF/A-1a/b, PDF/A-2a/b/u, encrypted PDF, high compression PDF
Other features: Banner scanning, colour scanning, integrated address book, Active Directory, encrypted data transfer, simultaneous multiple domains (email, fax, SMB/FTP folder, print), skip blank page

FAX FUNCTION (ONLY D-COPIA 4524MF)

Compatibility: Super G3
Modem speed: 33.6 kbps max.
Transmission time: 3 seconds max.
Scan speed: 2 seconds max.
Resolution: Normal 200x100 dpi, Fine 200x200 dpi, Superfine 200x400 dpi, Ultrafine 400x400 dpi
Max. format of original: A4/Legal **Compression method:** JBIG, MMR, MR, MH **Address book:** 200 contacts
Multiple transmission: up to 100 recipients
Received memory: 256 pages or more
Other features: Network fax, duplex transmission and reception, encrypted transmission and reception, polling transmission and reception, broadcast

CONSUMABLES

The average life of the toner cartridges complies with ISO/IEC 19752.
Black toner cartridge (B1446): up to 12,500 A4 pages (initial toner up to 6,000 pages)
Maintenance kit (B1449): up to 300,000 pages
Maintenance kit for document feeder (B1144): up to 200,000 pages

OPTIONS

Paper tray (B3928): PF-3110 x 500 sheets (max 4 additional trays)
CB-365 L (B3687): Cabinet with paper compartment (low) 38 cm x 41 cm x 25 cm
CB-360 H (B3686): Cabinet with paper compartment (high) 38 cm x 41 cm x 51 cm
CA-3100 (B2331): Caster kit, unit with casters for added stability. Mandatory when installing 4 optional paper feed trays
Memory expansions: MM-20 (1GB)/MM-21 (2GB), DDR3-144pin DIMM
HD-17 (B2323): 64 GB SSD hard disk
HD-18 (B2324): 256 GB SSD hard disk
HD-19 (B2325): 512 GB SSD hard disk
IB-37 (B2215): Wireless LAN (802.11b/g/n) with Wi-Fi Direct®: 2.4-GHz and 5-GHz
IB-38 (B2216): Wireless LAN (802.11b/g/n) with Wi-Fi Direct®: 2.4-GHz
IB-53 (B2341): Gigabit Ethernet Board 10 BaseT/100 BaseTX/1000 BaseT
IB-54 (B2342): Wireless network interface (802.11b/g/n): 2.4-GHz and 5-GHz
IB-55 (B2343): Wireless network interface (802.11b/g/n): 2.4-GHz
Scan Extension Kit (A) (B4498): Searchable PDF scanning (integrated OCR), MS Office (docx, xlsx, pptx). Requires HD or optional SD card
UG-33 (B8403): ThinPrint
UG-50 (B2326): TPM (Trusted Platform Module)
USB IC-Card reader + Card Authentication kit (B) – (B8237): Supports various types of card/badge authentication/reading
Card Reader Holder 10 (B4845): Plastic support to integrate the badge reader into the control panel