

# Experience high-performance printing

Specifically designed for medium and large-sized work groups, the ECOSYS PA4500cx is an A4 colour device that brings running costs to a minimum while ensuring the utmost levels of productivity. This versatile printing device prints on a wide variety of media sizes and weights, up to 220g/m2.



## ECOSYS PA4500cx



**A4 colour and b/w printer**

**Up to 45 pages per minute**

**Double-sided print as standard**

**Compact design with full functionality**

## Specifications

### GENERAL

KYOCERA ECOSYS Laser Colour Printer

**Operation panel:** 21 characters / 5Line display with back light and numeric keypad

**Type:** Desktop

**Engine speed:** Up to 45 pages A4 per minute

**Duplex print speed:** 37 pages per minute, A4

**Resolution:** 1200 x 1200 dpi (print)

**Recommended Print Volume:** 2,400 images per month

**Maximum Print Volume:** 100,000 images per month

**Maximum Life:** 600,000 images or 5 years

**Warm-up time:** Approx. 20 seconds or less

**Time to first print:** Approx. 5.1 seconds or less

**CPU:** ARM Cortex-A9 Dual core 1.2GHz

**Memory:** Standard 1 GB

Max. 3GB + 64GB SSD / 256GB SSD / 512GB SSD

**Standard interfaces:** USB 2.0 (Hi-Speed), 2 x USB Host Interface, Gigabit Ethernet (10BASE-T/100BASE-TX/1000BASE-T), optional Wireless LAN (IEEE 802.11b/g/n), 1 x eKUIO slot for optional devices, Slot for optional SD Card

**Integrated accounting:** 100 department codes

**Dimensions (W x D x H):** Without packaging:

394 x 533 x 455 mm (without protrusions)

480 x 576.5 x 571.5mm (including protrusions)

With packaging: 702 x 567 x 617 mm

**Weight:** Without packaging:

Approx. 33 kg (with bundled toner)

Approx. 34 kg (without bundled toner)

With packaging: 41 kg

**Power source:** AC 220 ~ 240 V, 50/60 Hz

**Power consumption:** Printing: 576.8 W

**Ready mode:** 11.8 W

**Sleep-mode:** 0.4 W (default)

**Noise (sound pressure level: ISO 7779/ISO 9296):**

Operating: 54 dB (LpAm)

Stand-by: 30 dB (LpAm)

**Safety standards:** TÜV/GS, CE

This unit is manufactured according to ISO 9001 quality

standard and ISO 14001 environmental standard.

### PAPER HANDLING

All paper capacities quoted are based on paper thickness of max. 0.11 mm. Please use paper recommended by KYOCERA under normal environmental conditions.

**Input capacity:** Multi-purpose tray: 100 sheets (80 g/m<sup>2</sup>

equivalent), 110 sheets (64 g/m<sup>2</sup> equivalent); 60–220 g/

m<sup>2</sup>; A4, A5, A6, B5, B6, Letter, Legal, Folio, Custom (70

x 140 to 216 x 356 mm), Banner paper up to 1220 mm.

**Standard universal paper cassette:** 550 sheet with 75 g/

m<sup>2</sup>, 600 sheet with 64 g/m<sup>2</sup>; 60–220 g/m<sup>2</sup>; A4, A5, A6, B5,

B6, Letter, Legal, Folio, Custom (105 x 140 to 216 x 356 mm)

**Max. input capacity with options:** 2,850 sheets

with 75 g/m<sup>2</sup>, 3,110 sheets with 64 g/m<sup>2</sup>

**Duplex:** Standard duplex unit; 60–163 g/m<sup>2</sup>; A4, A5, A6,

B5, Letter, Legal, Custom (140 x 210 mm - 216 x 356 mm)

**Output capacity:** 500 sheets (Equivalent to 80 g/m<sup>2</sup>) face

down with paper full sensor

### PRINT FUNCTIONS

**Controller language:** PRESCRIBE

**Emulations:** PCL6 (5c/XL), KPDL3 (PostScript 3 compatible),

PDF, XPS, Open XPS, TIFF, JPEG, URF, PWG Raster, PCLm

**Operating systems:** All current Windows operating systems, MAC OS X Version 10.9 or higher, Chrome OS,

Linux, as well as other operating systems on request

**Fonts/barcodes:** 93 outline fonts (PCL6, KPDL3), 4 fonts

(Calibri), 4 fonts (Cambria), 1 Bitmap font, 45 types of one-

dimensional barcodes, 1 type of two-dimensional barcode

(PDF417)

**Print features:** PDF Direct Print, Internet printing IPP

1.0, E-mail printing, WSD print, secure printing IPP over

TLS, Local and network authentication, Network data

encryption IPsec, HTTPS, LDAP over TLS, SNMPv3, SMTP

over TLS, POP over TLS, Encrypted PDF Direct Print, TLS

1.3, Microsoft Universal Print, Printing for Chrome OS

**Mobile printing support:** KYOCERA Mobile

Print app for iOS and Android, AirPrint, Mopria,

Microsoft Universal Print, Wi-Fi Direct (Opt)

### SECURITY FEATURES

Secure Boot3, Run-time Integrity Check3, Allowlisting,

TLS 1.3, IPsec, HTTPS, SNMPv3, "Confidential printing"

with PIN code request, encrypted PDF direct printing,

Security watermark, IPP over TLS, Enhanced WSD

(TLS), network authentication (Kerberos, NTLM,

802.1x), restriction of the user group through user login

management, IP filters, port number restrictions.

Blocking interfaces, security Quick setup, adjustable

administrator authentication for firmware updates, SIEM

support (SysLog), SCEP, OSCP & CRL4, free activation

of "Data Security Kit" functionality (e.g. data encryption,

overwriting data no longer required) when installing an

optional hard drive, data cleaning (resetting in the device

stored information to factory settings, e.g. B. System

settings or stored in a user box data), optional: TPM (Trusted

Platform Module)

### CONSUMABLES

Average continuous toner yield in accordance with ISO 19798

**TK-5390K:** Black toner 18,000 pages A4

**TK-5390Y, TK-5390M, TK-5390C:** Yellow, Magenta and

Cyan 13,000 pages for A4. Starter toner black 8,000

pages and Yellow, Magenta and Cyan 6,000 pages A4

### OPTIONS

**PF-5150 Paper feeder:** Max. 550 sheet with 75 g/m<sup>2</sup>, 600 sheet with 64 g/m<sup>2</sup>, 60 - 220 g/m<sup>2</sup>, A5R - Legal, 92.1 x 165.1 (Com6), 114x162 (Youkei2), Max 4 Units

**Memory upgrade:** 1GB/2GB

**Storage Devices for easy document management:**

HD-17 SSD hard disk: 64GB

HD-18 SSD hard disk: 256GB

HD-19 SSD hard disk: 512GB

**Scan Extension Kit (A):** Scan to searchable

PDF (embedded OCR) or to MS Office (docx,

xlsx, pptx), HD or SD card is needed.

**CB-5150S:** Steel Cabinet (47cm)

**CB-5150H:** Wooden Cabinet (50cm)

**CB-5150L:** Wooden Cabinet (37cm)

**CB-5150B:** Wooden Baseplate (for

installation with 4 x PF-5150)

**Card Reader Holder 12**

### SECURITY

**UG-33:** ThinPrint support

**UG-35:** TPM (Trusted Platform Module)

**USB IC Card Reader + Card Authentication Kit (B):**

Support for various authentication keys available.

**Optional interface:**

**IB-37:** Wireless LAN (802.11a/b/g/n/ac) with Wi-Fi Direct

**IB-38:** Wireless LAN (802.11b/g/n) with Wi-Fi Direct

**IB-50:** Gigabit Ethernet 10BASE-T/100BASE-TX/

1000BASE-T

**IB-51:** Wireless LAN Interface (802.11b/g/n)

**Product Library 14:** Installation DVD

### WARRANTY

1-year warranty as standard \*\*. KYOCERA guarantees the drum and developer for 3 years or 300,000 pages (whichever occurs sooner), provided each device is used and cleaned in accordance with the service instructions.

### KYOCERA LIFE

Up to 5-year on-site warranty extensions available for product and options.

### WHAT'S IN THE BOX:

Main unit, initial toner, waste toner box, Quick guide, Safety Guide, Operation panel sheet, power supply cord.

\*The device is not designed to achieve the specified volumes in continuous operation.

ECOSYS stands for ECOlogy, ECONomy and SYStem printing. With their long-life components, ECOSYS devices are designed to maximise durability and minimise the total cost of ownership with regard to maintenance, administration and consumables. The cartridge-free system means that only the toner has to be replaced regularly. The modular design concept allows you to add workflowenhancing functions as required. Integrated system software provides long-term crossnetwork compatibility. KYOCERA's long-life components cost you and the environment less.



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\*\* Depending on the country

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AUG2023ECOSYS PA4500cx/VER1.0

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