



# Compact, Yet Powerful

The ECOSYS PA4500x is a powerful printer embedded with high-level security features. The rapid speed of up to 45 pages per minute contributes to the enhanced productivity of smaller workgroups. Thanks to long-life components and low energy consumption, it leaves a smaller environmental footprint.



<b>ECOSYS PA4500x</b>	
<b>A4 Monochrome printer</b>	
<b>Up to 45 pages A4 per minute</b>	
<b>1200 x 1200 dpi resolution</b>	

A4

## Specifications

### GENERAL

KYOCERA ECOSYS Laser Monochrome Printer

**Operation panel:** LCD 21 characters, 5 lines

**Type:** Desktop

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

Duplex print speed: 22.5 page per minute, A4

**Resolution:** 1,200 x 1,200 dpi

**Maximum Duty Cycle:** 150,000 pages per month.

**Warm-up time:** Approx. 16 seconds or less.

**Time to first print:** Approx. 5.3 seconds or less.

**CPU:** ARM Cortex-A53 Dual core 1.4GHz

**Memory:** Standard 512MB; Max. 2.5GB (optional)

**Standard interfaces:** Standard interface: USB 2.0 (Hi-Speed), 2 x USB Host Interface, Gigabit Ethernet (10BaseT/100BaseTX/1000BaseT), optional Wireless LAN (IEEE 802.11b/g/n), 2 eKUIO slots for optional internal print server or SSD hard disc, Slot for optional SD/SDHC Card.

**Integrated accounting:** 100 department codes.

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

380 x 410 x 285 mm (without protrusions);

390 x 416 x 308 mm (with protrusions);

With packaging: 549 x 494 x 420 mm

**Weight:** Without packaging:

Approx. 14.6kg with bundled toner.

With packaging: 18.5 kg

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

**Power consumption:**

Printing: 605.5 W

Ready mode: 8.4 W

Sleep-mode: 0.5 W

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

Printing: 54 dB (A)

Stand-by: 30 dB (A)

**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, 60 to 220 g/m<sup>2</sup>, A4, A5, A6, B5, Letter, Legal, Folio, Custom (140 x 210 to 216 x 356 mm), Envelope, Banner paper up to 915 mm.

Standard universal paper cassette: 500 sheet, 60–120 g/m<sup>2</sup>, A4, A5, B5, Letter, Legal, Folio, Custom (140 x 210 to 216 x 356 mm).

Max. input capacity with options: 2,600 sheets.

**Duplex:** Standard duplex unit, 60 to 120 g/m<sup>2</sup>, A4, A5, B5, Letter, Legal, Custom (140x 210 mm - 216 x 356 mm).

**Output capacity:** 250-sheet-face-down with paper full sensor.

### PRINT FUNCTIONS

**Controller language:** PRESCRIBE

**Emulations:** PCL6 (5e/XL), KPDL3 (PostScript 3 compatible), PDF Direct Print, XPS Direct Print and Open XPS, PPML, TIFF/JPEG Direct Print Support, URF, PWG Raster, PCLm, IBM Proprinter, Line Printer, Epson LQ-850.

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

**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, Universal Print, Printing for Chrome OS.

**Mobile printing support:** KYOCERA Mobile Print app for iOS and Android, AirPrint, Mopria, Wi-Fi Direct.

### CONSUMABLES

Average continuous toner yield in accordance with ISO/IEC 19752.

**TK-3405 Toner Kit:**

Microfine toner black for 12,500 pages A4.

Capacity of starter toner is 6,000 pages A4.

### OPTIONS

**PF-3110 Paper feeder (max. 4 units):** Max. 500 sheets, 60 - 120 g/m<sup>2</sup>; A4, A5, B5, Letter, Legal, Custom (92 x 162 mm - 216 x 356 mm)

**PF-3100 Bulk paper feeder and PB-325 Printer base:** Max. 2,000 sheets, 60 - 220 g/m<sup>2</sup>; A4, A5, B5, Letter, Custom (76 x 148 to 216 x 305 mm); not to be combined with PF-3110

**Memory upgrade:** (2GB)/(1GB), DDR3-144pin DIMM

**Storage Devices for easy document management:**

HD-17 SSD hard disk: 64GB

HD-18 SSD hard disk: 256GB

HD-19 SSD hard disk: 512GB

**UG-33:** ThinPrint support

**UG-50:** TPM (Trusted Platform Module)

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

**Optional interface:**

**IB-32 B:** IEEE1284 interface

**IB-37:** Wireless LAN (802.11b/g/n, 2.4-GHz and 5-GHz) with Wi-Fi Direct

**IB-50:** Gigabit-Ethernet board 10 BaseT/100 BaseTX/1,000 BaseT

ECOSYS stands for ECOlogy, ECONomy and SYStem printing. With their long-life components, ECOSYS devices are designed to maximize durability and minimize 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 workflow enhancing functions as required. Integrated system software provides long-term cross network compatibility. KYOCERA's long-life components cost you and the environment less.



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KYOCERA Document Solutions Inc. – 2-28, 1-Chome – Tamatsukuri  
Chuo-Ku – Osaka 540-8585 – Japan – [www.kyoceradocumentsolutions.com](http://www.kyoceradocumentsolutions.com)



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\*\* Depending on the country