# KYOCERA

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KYOCERA

# A dependable device with outstanding quality

The versatile ECOSYS MA6000ifx is a robust monochrome multifunctional printer that combines superior output quality with outstanding security. With up to 60 pages per minute and double-sided print, scan, copy, and fax, this energy-efficient device increases productivity while reducing energy usage.

**ECOSYS MA6000ifx**

Mono A4 MFP

Up to 60 pages per minute in A4

HyPAS™ solution platform

ECOSYS MA6000ifx

# Specifications

## GENERAL

KYOCERA ECOSYS Laser Monochrome Multifunctional HyPAS™ solution platform

**Operation panel:** 177.8 mm (7 inch) full-colour touch panel display, speaker for job notification, Tilt Mechanism.
**Type:** Desktop
**Engine speed:** Up to 60 pages A4 per minute;
Duplex print speed: 43 page per minute, A4
Duplex copy speed: 43 page per minute, A4
**Resolution:** 1200 x 1200 dpi (print); 600 x 600 dpi (scan/copy)
**Recommended Print Volume[1]:** 30,000 images per month.
**Maximum Print Volume[1]:** 300,000 images per month.
**Maximum Life[1]:** 1,000,000 images or 5 years.
**Scan Volume[1]:** max. 4,800 pages per month.
**Warm-up time:** Approx. 25 seconds or less.
**Time to first print:** Approx. 4.5 seconds or less.
**Time to first copy:** Approx. 6 or less (DP);
Approx. 7 or less (Platen).
**CPU:** ARM Cortex-A53 Dual core 1.4GHz.
**Memory:** Standard 1.5GB; Max. 3.5GB (optional).
**Standard interfaces:** USB 2.0 (Hi-Speed), 1 x USB Host Interface, Gigabit Ethernet (10BaseT/100BaseTX/1000BaseT), optional Wireless LAN (IEEE 802.11b/g/n), 1 x eKUIO slot for optional internal print server or SSD hard disc, Slot for optional SD Card.
**Integrated accounting:** 100 department codes.
**Dimensions (W x D x H):** Without packaging:
480 x 495 x 610 mm (without protrusions)
480 x 495 x 613 mm (including protrusions);
With packaging: 633 x 570 x 730 mm
**Weight:** Without packaging: Approx. 25.2 kg (with bundled toner)
Approx. 24.5 kg (without bundled toner)
With packaging: 32 kg
**Power source:** AC 220 ~ 240 V, 50/60 Hz
**Power consumption:**
Printing: 740.8 W
Copying: 742 W
Ready mode: 57.9 W
Low power mode: 38 W
Sleep-mode: 0.5 W
**Noise (sound pressure level: ISO 7779/ISO 9296):**
Copying/Printing: 58 dB (A)
Stand-by: 33 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/m², A4, A5, A6, B5, B6, Letter, Legal, Folio, Custom (70 x 140 to 216 x 356 mm), Banner paper up to 915 mm.
Standard universal paper cassette: 500 sheet, 60—120 g/m², A4, A5, A6, B5, B6, Letter, Legal, Folio, Custom (105 x 148 to 216 x 356 mm).
Max. input capacity with options: 2,600 sheets.
**Duplex:** Standard duplex unit, 60 to 120 g/m², A4, A5, B5, Letter, Legal, Custom (140x 210 mm - 216 x 356 mm).
**Document Processor:** Dual scan document processor as standard, 100 sheets, 50—120 g/m2, A4, A5, A6, B5, Letter, Legal, Custom (105 x 148 to 216 x 356 mm).
**Output capacity:** Max. 500 sheets face-down with paper full sensor.

## PRINT FUNCTIONS

**Controller language:** PRESCRIBE
**Emulations:** PCL6 (5c/XL), KPDL3 (PostScript 3 compatible), PDF Direct Print, XPS Direct Print, AES support, TIFF/JPEG Direct Print Support, Open XPS, URF, PWG Raster, PCLm, Line Printer, IBM Proprinter, Epson LQ-850.
**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, Secure Boot, Run-time Integrity Check, 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).

## COPY FUNCTIONS

**Max. original size:** A4/Legal.
**Continuous copying:** 1—999.
**Zoom range:** 25—400% in 1% steps.
**Preset magnification ratios:** 7 Reductions / 5 Enlargements.
**Image adjustments:** Text + Photo, Photo, Text, Chart/Map, Printed document.
**Features:** Electronic sort (collate), ID card copy, 2in1, 4in1, auto cassette change, Skip blank page, Skip Line, DP Auto-cropping

## SCAN FUNCTIONS

**Functionality:** Scan-to-Email, Scan-to-FTP, Scan-to-SMB, Scan to USB Host, Network TWAIN, WIA, WSD scan, Chrome OS (Scan), AirPrint, Mopria.
**Scan speed Simplex:** 60 ipm (300 dpi, A4, b/w);
40 ipm (300 dpi, A4 colour)
**Scan speed Duplex:** 120 ipm (300dpi, A4, b/w);
80 ipm (300 dpi, A4, colour)
**Scan resolution:** 600, 400, 300, 200 dpi; 256 greyscales per colour
**Max. scan size:** A4, Legal, Banner paper (max 915mm).
**Original recognition:** Text, photo, text + photo, light text, 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.
**Compression method:** MMR/JPEG
**Features:** Banner Scan, Colour scan, integrated address book, Active Directory support, encrypted data transfer, multi send (e-mail, fax, SMB/FTP folder, print) at once, Blank page skip.

## FAX FUNCTIONS

**Compatibility:** Super G3.
**Modem speed:** Max. 33.6 kbps.
**Transmission speed:** Max. 3 seconds (JBIG).
**Scanning speed:** 2.0 seconds or less.
**Address book:** 200 entries
**Scanning density:**
Normal: 8 dot/mm x 3.85 line/mm (200 x 100 dpi)
Fine: 8 dot/mm x 7.7 line/mm (200 x 200 dpi)
Superfine: 8 dot/mm x 15.4 line/mm (200 x 400 dpi)
Ultrafine: 16 dot/mm x 15.4 line/mm (400 x 400 dpi)
Halftone: 256 grey scales
**Maximum original size:** A4/Legal, Banner (max 915mm)
**Compression method:** JBIG, MMR, MR, MH.
**Memory reception:** 256 sheets or more.
**Features:** Network fax, duplex transmission and reception, encrypted transmission and reception, polling transmission and reception, broadcast.

## CONSUMABLES

Average continuous toner yield in accordance with ISO/IEC 19752.
**TK-3440 Toner Kit:** Microfine toner black for 40,000 pages A4. Capacity of starter toner is 11,000 pages A4.
**SH-13 Staple cartridge:** 2 x 1,500 staples for MS-5100 B

## OPTIONS

**PF-3110 Paper feeder (max. 4 units):** Max. 500 sheets, 60 - 120 g/m²; A4, A5, B5, Letter, Legal, Custom (92 x 162 mm - 216 x 356 mm)
**PT-320 Paper tray:** 250-sheet face-up output tray
**MS-5100 B Stapler:** Up to 20 sheets one position semi-automatic stapling, includes 1,500 staples
**CB-360W-B Cabinet:** Wooden desk with storage capacity, Approx. 380 x 411 x 508 mm (WxDxH)
**CB-365W-B Cabinet:** Wooden desk with storage capacity, Approx. 380 x 411 x 254 mm (WxDxH)
**CA-3100 Caster Unit:** for increased stability. Mandatory when installing 4 optional paper feeders.
**Memory upgrade:** MM-21(2GB)/MM-20(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
**Scan Extension Kit (A):** Scan to searchable PDF (embedded OCR) or to MS Office (docx, xlsx, pptx), HD or SD card is needed.

## SECURITY

Data Security Standard
**UG-33:** ThinPrint support
**UG-50:** TPM (Trusted Platform Module)
**USB IC Card Reader** + **Card Authentication Kit (B):** Support for various authentication keys available. The card holder is standard.
**Optional interface:**
**IB-37:** Wireless LAN (802.11b/g/n, 2.4-GHz and 5-GHz) with Wi-Fi Direct
**IB-38:** Wireless LAN (802.11b/g/n, 2.4-GHz) with Wi-Fi Direct
**IB-50:** Gigabit-Ethernet board 10 BaseT/100 BaseTX/1,000 BaseT
**IB-51:** Wireless LAN Interface (802.11b/g/n)

## WARRANTY

2-year warranty as standard **. KYOCERA guarantees the drum and developer for 3 years or 500,000 pages (whichever occurs sooner), provided each device is used and cleaned in accordance with the service instructions.
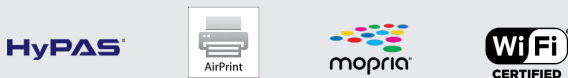
## KYOCERA LIFE

Up to 3-year on-site warranty extensions available for product and options.

## WHAT'S IN THE BOX:

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

[1]The device is not designed to achieve the specified volumes in continuous operation. The maximum volumes relate to the use of the print or scan unit and include their use for the printing, copying and scanning functions. Note: In this context, a copied page corresponds to a scanned and a printed page.

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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 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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