

# Economical. Ecological. ECOSYS Technology.

The ECOSYS M3860idnf black & white MFP is the product of choice for small-medium sized businesses and workgroups. Designed for ease of use, this robust print, copy, color scan and fax solution offers impressive performance, with speeds up to 62 ppm, exceptional print quality, standard Dual Scan Document Processor, and Finishing capability. The 7" color touch screen interface provides easy access to features and functionality, including business applications that can power your unique document workflow and mobile workforce needs. Enhance security with the Data Security Kit, available with free activation. Extra high yield toner cartridge and low total cost of ownership make this a must-have device to take your business to the next level.



## ECOSYS M3860idnf



**Up to 62 Pages Per Minute**

**Standard Internal Finisher**

**Storage up to 320GB HDD**

**HyPAS-enabled for Solutions & Apps**

**Data Security Kit - Free Activation**



## ECOSYS TECHNOLOGY

Kyocera ECOSYS MFPs provide advanced office solutions that enable businesses to achieve fast return-on-investment, with minimal impact on the environment. Specifically, ECOSYS MFPs utilize imaging technology that is comprised of our patented long-life drum and separate toner cartridges. This eliminates drum replacement when toner is depleted, reducing both cost-per-print and landfill waste. As such, Kyocera supports our customers' sustainability initiatives—while driving down operating costs.

## Specifications

### BASIC SPECIFICATIONS

**Configuration:**  
Multifunctional Printer - Print / Copy / Color Scan / Fax  
**Pages per Minute:** Letter: 62 ppm; Legal: 50 ppm;  
Statement 92ppm, StatementR 32 ppm  
**Duplex Print Speed:** Letter: 44 ppm; Legal: 25 ppm  
**Display:** 7" Color Touch Screen Control Panel (TSI)  
**Warm Up Time:** 25 Seconds or Less (Power On)  
**First Page Out Time:** Copy: 6 Seconds or Less  
Print: 4.5 Seconds or Less  
**Resolution:** 600 x 600 dpi, 300 x 300 dpi; Fine 1200  
(1200 x 1200 dpi) and Fast 1200 (1800 x 600 dpi)  
Interpolated Resolution  
**Memory:** Std/Max: 1 GB / 3 GB  
**Duplex:** Standard Stackless Duplex Supports Statement  
to Legal (5.5" x 8.5" - 8.5" x 14"), 16 lb. Bond - 67 lb. Index  
(60 - 120gsm)  
**Dimensions / Weight:** 18.9" W x 21.5" D x 29.3" H / 80.5 lbs.  
**Maximum Monthly Duty Cycle:** 300,000 Pages per Month

### Power Consumption

**Electrical Requirements:** 120V, 60Hz, 11.3A;  
220-240V, 50/60Hz, 5.9A  
**Typical Electricity Consumption (TEC):**  
V2: 120V: 3.17 kWh/week; 220-240V: 3.00 kWh/week  
V3: 120V: 0.86 kWh/week; 220-240V: 0.83 kWh/week  
(V3-models manufactured from October 2019)  
**Energy Star® Compliant**  
**Maximum (including Options):** 120V: 1,429 W;  
220-240V: 1,513  
**Copy / Printing:** 120V: 806/799 W; 220-240V: 798/773 W  
**Ready Mode:** 120V: 25 W; 220-240V: 24 W  
**Sleep Mode:** 120V: 0.5 W; 220-240V: 0.5 W  
**Power Off:** 120V: 0.07 W; 220-240V: 0.09 W

### Printer Specifications

**Standard Controller:** ARM Cortex-A9 1,200MHz  
**PDLs / Emulations:** PRESCRIBE, PCL6 (PCL-XL/PCL-5c), KPDL3  
(AES, PDF Direct Print Support), XPS, OpenXPS (TIFF/JPEG  
Direct Print Support), IBM ProPrinter, Line Print  
**Fonts:** Outline: 93 Fonts (PCL 6/KPDL3), 8 Fonts (Windows);  
Bitmap: 1 Font, 79 Outline Fonts  
**Barcodes:** 1-Dimensional: 45 Type; 2-Dimensional:  
PDF417 1 Type  
**Windows OS Compatibility:** Windows 7/8/8.1/10; Server  
2008/Server 2008 R2/Server 2012/Server 2012 R2/Server 2016  
**Mac OS Compatibility:** Requires Mac OS X v10.X  
**Interfaces:** 10/100/1000BaseTX, 1 High-Speed USB 2.0,  
2 High-Speed USB 2.0 Host, 1 Expansion Slot; Optional:  
Wireless **IB-36** LAN (Approx. 98 ft Range & Wi-Fi Direct),  
**IB-51** (Approx. 328 ft Range); **IB-50** Dual LAN NIC, SD Card  
**Mobile Printing:** KYOCERA Mobile Print,  
KYOCERA Mobile Print for Students, KYOCERA MyPanel,  
Apple AirPrint® & Wi-Fi Direct<sup>1</sup>, Google Cloud Print™, Mopria®  
**Network Print and Supported Protocols:** TCP/IP, IPv4, IPv6,  
NetBEUI, FTP, LPR, Port9100, Apple Bonjour, IPP, WSD Scan/  
Print, DHCP, DNS, PNP USB, LDAP, SMTP, PDF Direct Print,  
PnP-X (WS-Discovery for WSD Print Service)  
**Drivers:** KX Driver, KX(XPS) Driver, PCL Mini Driver, KPDL Mini  
Driver, Network FAX Driver, TWAIN Driver, WIA Driver, MAC  
Driver, Linux Driver

**Utilities:** KYOCERA Net Direct Print, File Management Utility,  
KYOCERA Print Center, KYOCERA Cluster Printing, KYOCERA  
Net Admin, KYOCERA Net Viewer, ID Register, Quick Setup,  
Maintenance Menu, Wi-Fi Setup Tool, Remote Panel;  
KYOCERA Fleet Services (KFS) & Kyocera Device Manager  
(KDM) Ready  
**Additional Print Features:** HyPAS Capable<sup>3</sup>, EcoPrint, Private  
Print, Proof and Hold, Quick Copy and Job Storage<sup>3</sup>, N-Up  
Printing, Print Priority Setting, Job End Notification,  
Job Name Setting

### Security Specifications

**Standard:** Local & Network Authentication, IPsec, HTTPS,  
SNMPv3, IPP over SSL/TLS, HTTP over SSL/TLS, FTP over  
SSL/TLS, SMTP over SSL/TLS, POP3 over SSL/TLS, LDAP  
over SSL, Enhanced WSD over SSL/TLS; UG-35; Data Security  
Kit (E) with **Free Activation**

### Scan Specifications

**Scan Type:** Color and Black & White Scanner  
**Scan Resolution:** 600 dpi x 600 dpi, 400 dpi x 400 dpi,  
300 dpi x 300 dpi, 200 dpi x 400 dpi, 200 dpi x 200 dpi,  
200 dpi x 100 dpi  
**Scanning Functions:** USB, TWAIN, WIA, WSD, PC Send (SMB/  
FTP), E-mail, Continuous Scan, Mixed Originals  
**File Formats:** TIFF/PDF (MMR/JPEG), XPS, OpenXPS, PDF/A,  
High Compression PDF; Optional: Searchable PDF and  
OOXML/OOXML(OCR)<sup>2</sup>  
**Scan Speeds:** Simplex BW/Color: @300 dpi - 62ipm/42ipm;  
@600 dpi - 42ipm/22ipm  
**Duplex:** (DSDP) BW/Color: @300 dpi: 122ipm/82ipm;  
@600 dpi 64ipm/34ipm  
**Original Size:** Min/Max: Glass/DP: Statement to Legal  
(5.5" x 8.5" - 8.5" x 14"); Banner: DP Up to 36"

### Copy Specifications

**Image Mode:** Text, Photo, Text & Photo, Map; Send/Store:  
Light Text/Fine line, Text (for OCR)  
**Continuous Copy:** 1 - 999 Sheets BW / 300 Sheets Color  
**Job Management:** Address Book 200 Records, Job Accounting,  
100 Department Codes, 20 Program Keys,  
2 Shortcut Keys  
**Magnification / Zoom:** Auto Zoom, Full Size, 7 Reduction,  
5 Enlargement Preset Ratios, 25 - 400% in 1% Step Increments  
**Additional Features:** Auto Color Select (ACS), Auto Zoom,  
Auto Duplex, Continuous Scan, Skip Blank Page

### Document Processor

**Type / Capacity:** Dual Scan Document Processor  
(DSDP) / 100 Sheets  
**Acceptable Originals:** Statement to Legal  
(5.5" x 8.5" - 8.5" x 14"); Banner (Max 36")  
**Acceptable Weights:** Simplex / Duplex: 13 - 32 lb. Bond  
(50 - 120gsm)

### Fax Specifications

**Compatibility / Data Compression:** ITU-T G3 Fax / MMR,  
MR, MH, IBIG  
**Transmission Speed / Modem Speed:** 33.6kbps  
**Fax Memory:** 6 MB  
**Fax Functions:** Simplex & Duplex Original, Continuous Scan,  
Banner, Density Adjustment, Direct Send, Polling, Job End  
Notification, Job Name Setting

### Paper Supply

**Standard Paper Sources:** Single 500 Sheet Drawer,  
100 Sheet Multipurpose Tray  
**Standard / Maximum Paper Sources:** 2 / 6 Including  
Multipurpose Tray  
**Standard / Maximum Paper Capacity:** 600 Sheets /  
2,600 Sheets  
**Paper Size:** Statement to Legal (5.5" x 8.5", 8.5" x 14"),  
Custom; MPT Only: Envelope, Banner  
**Paper Weight:** Standard / Optional Drawers: 16 lb. Bond -  
32 lb. Bond (60 - 120gsm); MPT: 16 lb. Bond - 120 lb. Index  
(60 - 220gsm)  
**Standard Output Tray Capacity:** Inner Tray & Finisher Tray  
500 Sheets; 250 Sheets, Face Down; 250 Sheets, Face Up  
**Input Materials:** Standard / Optional Drawer: Plain Paper,  
Bond Paper, Recycled Paper, Custom; MPT: Plain Paper, Bond  
Paper, Labels, Recycled, Letterhead, Envelopes, OHP, Thin/  
Thick Paper, Coated, Banner

### Paper Handling

**Standard Internal Finisher:**  
**Inner Tray & Finisher Tray:** 250 Sheets Each  
**Staple Cartridge:** 5,000 Staples  
**Edge Staple Position:** Right Back (Fixed)  
**Auto Staple:** Up to 50 Sheets  
**Paper Size:** Statement to Legal  
**Shift Amount:** 30 mm (1.18")

**Paper Handling Options:**  
**PF-3110:** Paper Feed Cassette (500 sheets x 4)  
**Paper Size:** Statement to Legal (5.5" x 8.5" - 8.5" x 14"),  
Envelope, Custom  
**Dimensions / Weight:** 14.9" W x 16.1" D x 4.8" H / 8.4 lbs.

### Additional Options

**Paper Tray:** PT-320 (Face Up 250 Sheets)  
**Print Management:** ThinPrint (UG-33)  
**Security:** Card Authentication Kit (B); **UG-35:** TPM  
(Trusted Platform Module)  
**SD Card:** 16 / 32 GB  
**HDD:** HD-6: 32 GB SSD / HD-7: 128 GB SSD /  
HD-14: 320 GB HDD  
**Wireless LAN:** IB-36, IB-51 (IEEE 802.11b/g/n)  
**Additional NIC:** IB-50 Dual Gigabit NIC  
**Optional Memory:** 1 & 2 GB DIMM Memory (DDR3)  
**Other:** Scan Extension Kit (A), USB Keyboard  
(Customer Supplied)  
**Optional:** Adjustable Stand

<sup>1</sup> Requires Optional IB-36

<sup>2</sup> Requires Optional Scan Extension Kit (A)

<sup>3</sup> Requires Optional SD Card, HD-6, 7, 14



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