



> PRINT > COPY > SCAN > FAX

**ECOSYS M3145dn and  
ECOSYS M3645dn**

A4 BLACK AND WHITE  
MULTIFUNCTIONAL

# ALL-ROUND PRODUCTIVITY AT ITS BEST



Increased productivity  
with 45 pages fast  
paced print output.

Long-life components  
provide unprecedented  
efficiency and reliability.

Compact design with  
double-sided-print,  
copy, and scan.

Low power consumption  
saves energy with every  
print.



These MFPs are made for any team that needs high levels of versatility and productivity. Featuring print speeds of 45 ppm, the additional features of double-sided scanning and copying as well as the integrated file compression function mean that these devices are ready to adapt to your changing needs. Thanks to their long-life components, these MFPs can achieve exceptionally low running costs as well as the low environmental impact you have come to expect from a genuine KYOCERA MFP.



The ECOSYS M3145dn and M3645dn incorporate extremely durable components that guarantee efficient and reliable operation, to meet the demanding requirements of busy office environments. They combine effective productivity and maximum flexibility whilst ensuring minimum impact on the environment.

## GENERAL

**Technology:** KYOCERA ECOSYS, Laser, Black & White  
**Operation panel:** 21 characters x 5 lines (With back-light), speaker for job notification (4in1)  
**Type:** Desktop  
**Engine speed:** Up to 45 pages A4 per minute  
 Duplex print speed: 22.5 page per minute, A4  
 Duplex copy speed: 22.5 page per minute, A4  
**Resolution:** 1200 x 1200 dpi (print), 600 x 600 dpi (scan/copy)  
**Warm-up time:** Approx. 16 seconds or less  
**Time to first print:** Approx. 5.9 seconds or less in black and white  
**Time to first copy:** Approx. 7 or less in black and white (DP), Approx. 7 or less in black and white (Platen)  
**CPU:** ARM Cortex-A9 Dual core 1.2GHz + ARM Cortex-M3 100MHz  
**Memory:** Standard 1GB, Max. 3GB + 128GB SSD  
**Standard interface:** USB 2.0 (Hi-Speed), 2 x USB Host Interface, Gigabit Ethernet (10BaseT/100BaseTX/1000BaseT, IPv6, IPv4, IPSec), optional Wi-Fi (IEEE 802.11b/g/n), 1 eKUIO slot for optional internal print server, Slot for optional SD Card  
**Integrated accounting:** 100 department codes  
**Dimensions (W x D x H):** 475 x 476 x 575 mm  
**Weight:** Approx. 22.3 kg  
**Power source:** AC 220 ~ 240 V, 50/60 Hz  
**Power consumption**  
 Printing: 630 W  
 Copying: 652 W  
 Low power mode: 29 W  
 Ready mode: 50 W  
 Sleep-mode: 0.5 W  
**Noise (sound pressure level: ISO 7779/ISO 9296)**  
 Copying/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, 60–220g/m<sup>2</sup>, A4, A5, A6, B5, B6, Letter, Legal, Folio, Custom (70 x 148 to 216 x 356 mm). Standard universal paper cassette: 500 sheet, 60–120 g/m<sup>2</sup>, A4, A5, B5, B6, Letter, Legal, Folio, Custom (140 x 148 to 216 x 356 mm). Max. input capacity with options: 2,600 sheets A4  
**Duplex:** Standard duplex unit, 60–120 g/m<sup>2</sup>, A4, A5, B5, Letter, Legal  
**Document processor:** Reverse Auto Document Processor: standard, 75 sheets, 50–120 g/m<sup>2</sup>, A4, A5, A6, B5, Letter, Legal, Custom (105 x 148 to 216 x 356 mm)  
**Output capacity:** Max. 250 sheets face-down

## PRINT FUNCTIONS

**Controller language:** PRESCRIBE II  
**Emulations:** PCL6 (5c/XL), KPDL3 (PostScript 3 compatible), PDF Direct Print, XPS Direct Print, AES support, TIFF/JPEG Direct Print Support, Open XPS, Line Printer, IBM Proprinter X24E, Epson LQ-850  
**Operating systems:** All current Windows operating systems, MAC OS X Version 10.8 or higher, Unix, Linux as well as other operating systems on request  
**Fonts/barcodes:** 93 outline fonts (PCL6/KPDL 3), 8 fonts (Windows), 1 Bitmap font, 45 types of one-dimensional barcodes, 1 type of two-dimensional barcode (PDF417)  
**Print features:** PDF Direct Print, IPP printing, e-mail printing, WSD print, secure printing via SSL, IPsec, SNMPv3  
**Mobile printing support:** KYOCERA Mobile Print app for iOS and Android, KYOCERA MyPanel, AirPrint, Mopria, Direct Wi-Fi (Opt), Google cloud print

## 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, Printing Document  
**Features:** Electronic sort (collate), ID card copy, 2in1, 4in1, auto cassette change, Skip blank page

## SCAN FUNCTIONS

**Functionality:** Scan-to-Email, Scan-to-FTP, Scan-to-SMB, Scan to USB Host, Network TWAIN, WIA, WSD scan  
**Scan speed:** 60 ipm (300 dpi, A4, black and white), 40 ipm (300 dpi, A4 colour), 26 ipm (300 dpi, A4, black and white) (Duplex), 17 ipm (300 dpi, A4 colour) (Duplex)  
**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 (M3645dn only)

**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 ISO/IEC 19752  
**Toner Kit:** TK-3160, Micro fine black for 12,500 pages A4, Capacity of starter toner is black 6,000 pages

## OPTIONS

**Paper handling**  
**PF-3110 Paper feeder (max 4 units):** 500 sheets, 50–120 g/m<sup>2</sup>, A4, A5, B5, Letter, Legal, Custom (92 x 162 mm to 216 x 356 mm)  
**Storage**  
**HD-6 SSD:** 32 GB for easy document management  
**HD-7 SSD:** 128 GB for easy document management  
**Security**  
**Data Security Kit (E):** (M3645dn only): In line with ISO 15408 (Common Criteria) with security level EAL2 (M3645dn only)  
 \*HD-6, HD-7 or SD-card is needed  
**Memory upgrade:** 512MB/1GB/2GB  
**UG-33:** ThinPrint support  
**USB IC Card Reader + Card Authentication Kit (B):**  
 Support for various authentication keys available

## Optional interface

**IB-36:** Direct Wi-Fi Interface & WLAN Interface  
**IB-50:** Gigabit-Ethernet board 10 BaseT/100 BaseTX/1,000 BaseT  
**IB-51:** Wireless LAN Interface (802.11b/g/n)  
**Cabinet**  
**CB-360W Cabinet High:** Wooden desk with storage capacity. Approx. 38 cm x 41 cm x 51 cm (W x D x H)  
**CB-365W Cabinet Low:** Wooden desk with storage capacity. Approx. 38 cm x 41 cm x 25 cm (W x D x H)

## WARRANTY

2-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.

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



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\*\* Depending on the country

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