

# KM-1650

► print ► copy ► scan ► fax

## THE AFFORDABLE A3 MULTIFUNCTIONAL DESIGNED TO GROW WITH YOUR NEEDS



- 16 pages per minute in A4,  
8 pages per minute in A3
- Time to first copy less than 5.9 seconds,  
warm-up time 20 seconds or less
- Standard network printing
- 350-sheet paper capacity as standard,  
upgradeable to 1,250 sheets
- Fax and scan functions (optional)
- Duplex document processor (optional)  
and duplex unit (optional)
- Long-life components, easy maintenance

Product depicted includes optional extras

To stay ahead in business you need to plan ahead and the KM-1650 from Kyocera is the ideal choice for small to medium companies looking to optimise their workflow. This affordable performer offers standard network printing and copy functions, allowing your whole team to benefit from efficiency gains. And, as your needs change, the KM-1650 can be configured to meet your exact requirements with scan, fax and a range of paper-handling options. Furthermore, print and copy speeds of 16 ppm (A4) and 8 ppm (A3), as well as a standard paper capacity of 350 sheets, ensure efficient job handling. And, thanks to Kyocera's long-life components, you have a productive team member that can deliver efficient and cost-effective results for today and tomorrow.

 **KYOCERA**

# KM-1650

## Monochrome A3 multifunctional

The KM-1650 incorporates extremely durable components that guarantee smooth and reliable operation. The drum and fixing unit are designed to last 150,000 pages. Therefore, the KM-1650 keeps your operating costs low and at the same time ensures minimum impact on the environment.

### GENERAL

**Technology:** Kyocera Laser, Mono component  
**Type:** Desktop  
**Engine speed:** Max. 16/8 pages per minute A4/A3  
**Resolution:** 600 dpi x 600 dpi, 256 greyscales (scan/copy), Fast 1,200 dpi (1,800 x 600 dpi), 2,400 x 600 dpi with KIR2 (print)  
**Time to first copy:** 5.9 seconds or less  
**Time to first page:** 5.5 seconds or less  
**Warm-up time:** 20 seconds or less  
**Duty cycle:** Max. 20,000 sheets per month  
**Power Source:** AC 220 V ~ 240 V, 50/60 Hz  
**Power Consumption:** Printing: 485W, Stand-By: 105W, Low power: 47W  
**Noise (ISO 7779):** Printing: 62dB(A), Stand-By: 40dB(A)  
**Dimensions (W x D x H):** 574 x 593 x 502 mm  
**Weight:** Approx. 41 kg  
**Certification:** GS/TUV/CE  
 This product is produced according to the quality norm ISO 9001 and the environmental guidelines ISO 14001

### PAPER HANDLING

All mentioned paper capacities are based on a paper thickness of max. 0.11 mm. Please use paper recommended by Kyocera Mita under normal environmental condition.

**Input capacity:** 300-sheet universal feeder, 64-105g/m<sup>2</sup>, A3, A4, A5, A6, Ledger, Letter, Legal, Folio  
 50-sheet multi-purpose tray, 45-160g/m<sup>2</sup>, A3, A4, A5, A6, Ledger, Letter, Legal, Folio, Custom (98 x 147 - 297 x 432 mm)  
 Max. 1,250 sheets (4 paper feeders)  
**Output capacity:** 250-sheet face-down

### COPY FUNCTIONS

**Max. original size:** A3  
**Continuous copying:** 1 - 999  
**Memory capacity:** 64 MB standard, Max. 256 MB, 1 additional DIMM slot (16, 32, 64, 128 MB)  
**Zoom range:** 25 - 200% in 1% steps  
**Present magnification ratios:** 5R / 4E  
**Digital copy features:** Energy save mode, interrupt copy, scan-once-print-many, electronic sort, rotate sort, rotate sort copy<sup>\*1</sup>, automatic paper selection, duplex<sup>\*2</sup>, stapling<sup>\*3</sup>, layout mode (2-in-1, 4-in-1), filling copy, split copy, margin shift, boarder erase, ECOcopy mode, program key mode, department code (100)  
**Exposure mode:** Auto, Manual: 7 steps  
**Image adjustments:** Text + Photo, Text, Photo

<sup>\*1</sup> Additional paper feeder PF-410 is required  
<sup>\*2</sup> Additional duplex unit DU-410 is required  
<sup>\*3</sup> Additional document finisher DF-410 is required

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### System Platform

The KM-1650 delivers outstanding network connectivity and problem-free system administration. Kyocera's single platform technology means that the same driver can be used for every KM print device on the network; from single-user desktop printers to high-end multifunctional systems. Only Kyocera offers this effortless combination of IT sophistication and high-performance paper handling expertise.

### PRESCRIBE IIe

With the Kyocera page design and control language, PRESCRIBE IIe, even complex graphics, logos and forms (even multipart forms) can be created independently of the system and saved and updated on the printer. Consequently, integration into print files no longer applies. They are only accessed as required and therefore relieve the load on the network.

### CONTROLLER PRINT FUNCTIONS (standard)

**Processor:** PowerPC 750Cxr 300MHz  
**Memory:** 64 MB standard, Max. 320 MB, 1 additional DIMM slot (32, 64, 128, 256 MB) + Microdrive  
**Emulations:** PCL 6/PCL 5e incl. P.J.L, KPDL 3 (PostScript 3 compatible) with Automatic Emulation Sensing (AES), Line Printer, IBM Proprinter X24E, Epson LQ-850, Diablo 630  
**Controller language:** PRESCRIBE IIe  
**Fonts:** 80 outline fonts (PCL), 136 outline fonts (KPDL3), 1 bitmap font, 45 types of one-dimensional barcodes, plus two-dimensional barcode PDF-417  
**Print features:** eMPS-for quick copy, proof, and hold private print, storage and job management functionality with Microdrive, PDF direct printing

### INTERFACES

**Standard interface:** High-speed bi-directional parallel (IEEE 1284), USB 2.0 (High-speed), 10Base-T/100Base-TX standard, KUIO LV Option-Interface slot, CF card Option-interface slot, Microdrive Option-interface slot  
**Multiple interface connection (MIC):** MIC allows for simultaneous data transfer via up to three interfaces, with each interface having its own virtual printer.

### SCAN FUNCTIONS (optional)

**Scan Functionality:** Scan-to-PC, scan-to-email, network TWAIN  
**Scan Speed:** Max. 20 originals per minute (600 dpi/A4)  
**Original type:** Text, photo, text + photo and OCR  
**Maximum scan size:** A3  
**Scan resolution:** 600, 400, 300, 200 dpi (256 greyscales)  
**Applicable PC:** IBM PC/AT compatible  
**Applicable OS:** Windows 95, 98, Me, NT4.0, 2000, XP, Server2003, Mac  
**Interface:** 10/100Base-TX  
**Network protocol:** TCP/IP  
**Compression format:** G4 (MMR)  
**Image format:** TIFF, PDF  
**Bundled software:** Scanner file utility, Address book, Address editor, TWAIN Source, Scan to Mac, PaperPort 8.2

### FAX FUNCTIONS (optional)\*

\*Optional document processor DP-410 is required  
**Compatibility:** ITU-T Super G3  
**Modem speed:** Max. 33.6 kbps  
**Transmission speed:** 3 seconds or less (JBIG)  
**Scanning speed:** 1 second  
**Scanning density:** 8 dot/mm x 3.85 line/mm, Fine: 8 dot/mm x 7.7 line/mm, Superfine: 8 dot/mm x 15.4 line/mm, Ultrafine: 16 dot/mm x 15.4 line/mm (with optional memory), halftone

### Typefaces and barcodes

The 80 scalable PostScript fonts provide high flexibility for all applications. A total of 45 integrated barcodes including hash totals are computed automatically by the printer and printed at the desired size, alignment and position.

### KM-NET Viewer

KM-NET Viewer is an advanced network management software tool that is compatible with all Kyocera printers and multifunctional products, as well as those of other vendors, by using the standardised protocol SNMP. The settings of all printers on the network can be checked visually and amended from any Windows PC. KM-NET Viewer also acts as a valuable, real-time, early warning system by sending eMail-Messages.

### CompactFlash® card

The CompactFlash® card offers abundant storage space for typefaces, logos, standard forms and signatures as well as individual API or PRESCRIBE macros.

**Maximum original size:** A3  
**Compression method:** JBIG, MMR, MR, MH  
**Memory:** Standard 4 MB Bitmap (Max. 8 MB), Standard 4 MB Image (Max. 32 MB)  
**Fax features:** Network faxing\*, rotate transmission, duplex fax reception, confidential, relay and bulletin board, transmission and reception, N-up reception, mailbox, remote diagnostics.  
 \*Optional Scan system(F) is required  
**Bundled software:** Address book for fax, Address editor for fax

### OPTIONS

**Paper handling: Scan System (F), Fax System (L)**  
**DP-410 Document Processor:** 50-sheet, Duplex scan, 45-160g/m<sup>2</sup>, A3-A5R, Folio, Ledger-Statement-R  
**PF-410 Paper feeder:** 300-sheets, 60-105g/m<sup>2</sup>, A3-A5R, Folio, Ledger-Statement-R  
**DU-410 Duplex unit:** 60-80g/m<sup>2</sup>, A3-A5R, Folio, Ledger-Statement-R  
**JS-410 Job separator:** 100-sheet, 45-90g/m<sup>2</sup>, A3-A5R, Folio, Ledger-Statement-R  
**DF-410 Document finisher:** 500-sheet, 60-105g/m<sup>2</sup>, A3-B5, Folio, Ledger-Statement-R, Staple(30-sheet), 1 position

**Memory**  
**Copy Memory**  
**DIMM memory:** Max. 256 MB, 1 additional DIMM slot (16, 32, 64, 128 MB)  
**Printer Memory**  
**DIMM memory:** Max. 320 MB, 1 additional DIMM slot (16, 32, 64, 128, 256 MB)  
**CompactFlash card:** 1 slot (8, 16, 32, 64 MB), forms, fonts, logos, macro storage  
**Microdrive:** 1 slot, storage of data, forms, fonts, etc and eMPS  
**Fax Memory**  
**MM-13-32:** Bitmap (4 MB) and Image memory (28 MB)

**Optional interface**  
**IB-21e Network card:** 10Base-T/100Base-TX  
**SB-110FX Network card:** 10Base-T/100Base-TX/100Base-FX, FibreOptic  
**SB-140 Network card:** 10Base-2/10Base-T/100Base-TX  
**SB-50 Network card:** 10Base-FL, FibreLink  
**SB-60 Network card:** TokenRing STP/UTP  
**SB-70 Network card:** Wireless LAN - IEEE 802.11b  
**SB-80 Parallel Interface:** 2nd Parallel Interface (IEEE 1284)  
**IB-11 Serial Interface:** RS-232C Serial Interface (up to 115.2kbps)

**Others**  
**Platen cover (D)**  
**CB-411 cabinet:** High metal cabinet with storage capacity  
**CB-416 cabinet:** Low metal cabinet with storage capacity  
**CB-410 cabinet:** High wooden cabinet with storage capacity  
**CB-415 cabinet:** Low wooden cabinet with storage capacity

### CONSUMABLES

**TK-410 Toner-Kit:** Microfine toner for 15,000 pages at 6% A4 coverage

Capacity of starter toner is 3,000 pages at 6% A4 coverage



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