KM-1650

THE AFFORDABLE A3 MULTIFUNCTIONAL DESIGNED TO GROW WITH YOUR NEEDS

- **16 copies/prints per minute in A4, 8 copies/prints per minute in A3**
- **Standard network printing**
- **Fastest in its class: first copy in 5.9 seconds**
- **64 MB RAM for full digital functionality**
- **Paper capacity of up to 1,250 sheets**
- **Fax and scan functions (optional)**
- **Duplex document processor for up to 50 sheets (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. 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. 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 system is designed to last for extremely long hardware maintenance cycles. The drum is designed to last 150,000 pages. Therefore, the KM-1650 keeps your operating costs low and productivity high and at the same time ensures a minimum impact on the environment.

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 Kyocera 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.

Typefaces and barcodes

The 136 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 e-mail 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.

MicroDrive

The optional printer MicroDrive offers even more efficient document management. At the same time it allows the management of print data with eMPS functions such as quick copy, proof and hold, private print and job storage.

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 1200 dpi up to 2400 dpi quality 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/TÜV/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 under normal environmental conditions.

Input capacity: 300- sheet universal feeder, 64-105g/m², A3-A5R, Ledger, Letter, Legal, Folio, Oficio 2
50-sheet multi-purpose tray, 45-160g/m², A3-A6R, Ledger, Letter, Legal, Folio, Oficio 2, Envelopes
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 copy, rotate sort copy*¹, automatic paper selection, duplex copying*², stapling*³, layout mode (2-in-1, 4-in-1), filling copy, split copy, margin shift, border erase, ECOcopy mode, program key mode, department code (100)
Exposure mode: Auto, Manual: 7 steps
Image adjustments: Text + Photo, Text, Photo

*¹ Additional paper feeder PF-410 is required
*² Additional duplex unit DU-410 is required
*³ Additional document finisher DF-410 is required

PRINT FUNCTIONS (STANDARD)

Processor: PowerPC 750CX 300MHz
Memory: 64 MB standard + ECOmemory, Max. 320 MB, 1 additional DIMM slot (32, 64, 128, 256 MB) + MicroDrive
Emulations: PCL 6/PCL 5e incl. PJL, KPDL 3 (PostScript 3 compatible) with Automatic Emulation Sensing (AES), Line Printer, IBM Proprinter X24E, Epson LQ-850, Diablo 630, KC-GL, PDF Direct Print
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 barcodes PDF-417
Print features: eMPS for quick copy, proof, and hold private print, storage and job management functionality with MicroDrive, PDF Direct Print

INTERFACES

Standard interface: High-speed bi-directional parallel (IEEE 1284), USB 2.0 (High-speed), Fast Ethernet, 10Base-T/100Base-TX, KUIO LV slot
Multiple interface connection (MIC): MIC allows for simultaneous data transfer via up to four 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 grayscales)
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: DB-Assistant, 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

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*¹, rotate transmission, duplex fax reception*², confidential, relay and bulletin board, transmission and reception, N-up reception, mailbox, remote diagnostics.
Bundled software: Address book for fax, Address editor for fax

*¹Optional Scan System (F) is required
*²Optional DU-410 is required

OPTIONS

Scan System (F), Fax System (L)

Paper handling
DP-410 Document Processor: 50-sheet, Duplex scan, 45-160g/m², A3-A5R, Folio, Ledger-Statement R
PF-410A Paper feeder: 300-sheets, 60-105g/m², A3-A5R, Folio, Ledger-Statement R (up to three PF-410A can be added to the standard configuration)
DU-410 Duplex unit: 60-80g/m², A3-A5R, Folio, Ledger-Statement R
JS-410 Job separator: 100-sheet internal job separator, 45-90g/m², A3-A5R, Folio, Ledger-Statement R
DF-410 Internal Document finisher: 500-sheet, 60-105g/m², 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)
Cabinet: Desk 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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