FS-3820N

KYOCERA

THE FAST NETWORK-READY PRINTER FOR DEMANDING WORKGROUPS

- **28 pages per minute with 1,200 dpi resolution**
- **Standard network, USB 2.0 and parallel interface**
- **PowerPC 750CX / 300 MHz, 64 MB onboard**
- **600 sheets input as standard, upgradable to 2,100 sheets**
- **Lowest cost per page in its class**

Product depicted includes optional extras

The FS-3820N is the ideal printing option for busy workgroups. From the very first day, the FS-3820N is ready to serve your workgroup with a speedy 28 pages per minute output, standard network interface and class-leading cost effectiveness. Bidirectional parallel port and a certified USB 2.0 (Hi-Speed) interface are standard. Its PowerPC 750CX CPU with 300 MHz and 64 MB RAM enable sophisticated digital features such as PDF direct print and electronic sorting. And when your printing tasks grow, the FS-3820N can grow too: just select the accessories you need from its broad range of optional paper feeders, high speed duplex, mailbox sorter and additional memory for even more efficiency. All for the lowest cost per page of any printer in its class.

ECOSYS®

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FS-3820N

Monochrome A4 Workgroup Printer

The ECOSYS technology is based on extremely durable components. The drum, developer and fuser of the FS-3820N are designed for 300,000 pages. As toner is the only consumable required, ECOSYS printers operate with the lowest cost per page in their class, and they are particularly environmentally friendly. Thanks to their modular system and flexible paper options all ECOSYS printers can be configured to meet your exact requirements.

System platform

The FS-3820N 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 PCL/PostScript print device in 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 in 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 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 in 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 standardized 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.

Hard disk

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

GENERAL

Technology: Kyocera ECOSYS, Laser
Engine speed: Max. 28 pages per minute A4 simplex optional max. 26 pages per minute A4 duplex (13.5 sheets)
Resolution: 1,200 dpi quality
Time to first page: 9.5 seconds
Warm-up time: 18 seconds from power on
Duty cycle: Max. 125,000 pages per month, average 20,000 pages per month
Power source: AC 220 ~ 240 V, 50/60 Hz
Power consumption: Printing: 425 W, Stand-by: 18 W, Power-Saving (ECOpower): 13 W
Noise (ISO 7779): Printing: 55 dB(A), Stand-by: 33 dB(A), Power-Saving (ECOpower): Immeasurably low[1]
Dimensions (W x D x H): Main unit: 345 x 390 x 300 mm
Weight: Main unit: Approx.13 kg
Certifications: TÜV/GS, CE, PTS
This product is manufactured according to ISO 9001 quality standard and ISO 14001 environmental standard.

[1] When used with the duplex unit 29 dB(A).

PAPER HANDLING

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

Input capacity: 500-sheet universal paper cassette, 60-105 g/m², A4, A5, B5, Letter, Legal, Custom (148 x 210 mm to 216 x 297 mm)
100-sheet multi-purpose tray, 60-200 g/m², A4, A5, B5, Letter, Custom (70 x 148 mm to 216 x 297 mm)
Max. input capacity with 3 optional paper feeder units PF-60: 2,100 sheets
Output capacity: 250 sheets face-down, max. 250 sheets face-up with optional PT-60

CONTROLLER

Processor: PowerPC 750CX / 300 MHz
Memory: Standard 64 MB + ECOmemory, max. 320 MB (1 empty DIMM slot)
Emulations: PCL6/PCL5e incl. PJL, KPDL 3 (PostScript 3 compatible), PDF direct print, with automatic emulation sensing (AES), Line Printer, IBM Proprinter X24E, Epson LQ-850, Diablo 630
Controller language: PRESCRIBE IIe
Fonts: 80 outline fonts accessable in all emulations, 1 bitmap font, 45 types of one-dimensional barcodes plus two-dimensional barcode PDF-417
Downloadable fonts: Kyocera, PCL + TrueType format, Type 1 + 3 format
Print features: Accounting with max. 100 department codes

INTERFACE

Standard interface: Fast Ethernet 10/100Base-TX, High speed bi-directional parallel (IEEE 1284), USB 2.0 (Hi-Speed), KUIO-LV option interface slot
Multiple interface connection (MIC): Allows simultaneous data transfer via up to four interfaces, with each interface having its own virtual printer.

OPTIONS

Paper handling
PF-60 Paper feeder (max. 3 units): 500 sheets each, 60-105 g/m², A4, A5, B5, Letter, Legal, Custom (148 x 210 mm to 216 x 297 mm)
DU-61 Duplex unit: For double-sided printing, 60-105 g/m², A4, A5, B5, Letter, Legal, Custom (148 x 210 mm to 216 x 297 mm)
SO-60 Sorter/mailbox: 1,000 sheets face-down in 5 trays (5 x 200 sheets)
PT-60 Paper tray: Max. 250 sheets face-up (100 sheets when used with DU-61)
CB-60 Cabinet (W x D x H): 350 x 510 x 400 mm desk with storage capacity
EF-60 Envelope feeder: For max. 70 normal envelopes or max. 100 air mail envelopes up to A6 size

Memory
Printer memory: 1 DIMM slot (16, 32, 64, 128 or 256 MB)
CompactFlash® card: 1 slot (8, 16, 32, 64 MB), forms, fonts, logos, macro storage
Microdrive: Max. 4 GB storage of data, forms, fonts and job management

Optional interface
IB-21E Network card: 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-110FX Network card: 10Base-T/100Base-TX/100Base-FX, FibreOptic
SB-140 Network card: 10Base-2/10Base-T/100Base-TX
SB-80 Parallel interface: 2nd parallel interface – IEEE 1284
IB-11 Serial interface: RS-232C serial interface (max. 115.2 kbps)

CONSUMABLES

TK-65 Toner-Kit: Microfine toner for 20,000 pages with 5% coverage (ISO 10561B)[2], 30,000 pages according to Dr. Grauert letter (ISO 10561A)

[2] Capacity of starter toner is 10,000 pages with 5% coverage (ISO 10561B)

WARRANTY

2-year warranty as standard. Kyocera guarantees the drum and developer for 3 years or 300,000 pages (whichever occurs sooner), provided each printer is used and cleaned in accordance with the service instructions.
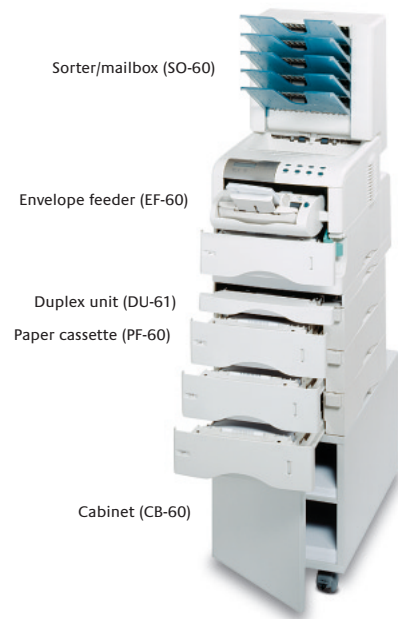
KYOLIFE The up to 5-year on-site warranty extension for printer and options.

MODEL CONFIGURATIONS

FS-3820DN: incl. full speed duplex unit DU-61

Select your options to suit your needs:

Sorter/mailbox (SO-60)

Envelope feeder (EF-60)

Duplex unit (DU-61)

Paper cassette (PF-60)

Cabinet (CB-60)

Product depicted includes optional extras

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