TASKalfa 420i/520i

MONOCHROME MULTIFUNCTIONALS FOR A3 FORMAT

TASKalfa The TASKalfa 420i/520i incorporate extremely durable components that guarantee efficient and reliable operation to meet the demanding requirements of busy office environments. The TASKalfa 420i/520i provide effective productivity and maximum flexibility whilst ensuring minimum impact on the environment.

General

Technology
KYOCERA Laser, mono component

Engine speed
TASKalfa 420i:
Up to 42/23 pages per minute A4/A3
TASKalfa 520i:
Up to 52/26 pages per minute A4/A3

Resolution
600 x 600 dpi (copy),
1,800 dpi level x 600 dpi (copy photo mode)

Warm-up time
Approx. 30 seconds or less from power on

Time to first page
Approx. 3.9 seconds or less

Dimensions (W x D x H)
Main unit: 599 mm x 646 mm x 745 mm

Weight: Main unit: approx. 85 kg

Power source: AC 220 V – 240 V, 50/60 Hz

Power consumption
Printing: 1,060 W
Stand-by: 240 W
Sleep mode: 21 W

Noise (ISO 7779 / ISO 9296)
Printing: 69 dB(A)
Stand-by: 52 dB(A)

Safety standards
GS, TÜV, CE
This unit is manufactured according to ISO 9001 quality standard and ISO 14001 environmental standard.
RoHs compatibility

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
Max. 200-sheet multi-purpose tray, 45–200 g/m², A3–A6R;
Max. 2 x 500 sheet universal paper cassette, 60–105 g/m², A3–A5R;
Max. input capacity with options: 4,200 sheets A4

Duplex unit
Duplex as standard support A3–A5, 60–80 g/m²

Output capacity
250 sheets face-down

Print functions

CPU: Power PC 750 FL-600 MHz

Memory: 2,048 MB RAM + 160 GB HDD

Interfaces
Standard interface
USB 2.0 (Hi-Speed), Fast Ethernet 10BaseT/10 BaseTX, CF slot

Controller language: PRESCRIBE

Emulations: PCL6, KPDL 3 (PostScript 3 compatible), XPS Direct Print, PDF Direct Print

Operating systems
All current Windows operating systems, Mac OS X Version 10.2 or higher, UNIX LINUX, as well as other operating systems on request.

Fonts / barcodes

93 outline fonts (PCL6), 8 fonts (Windows Vista), 136 PostScript KPDL 3 fonts, 45 types of one-dimensional barcodes plus two-dimensional barcode (PDF-417)
Downloadable fonts: KYOCERA, PCL + TrueType format, Type 1 + 3 format

Print features
Quick copy, proof and hold, private print, job storage and job management functionality

Copy functions

Max. original size: A3

Continuous copying: 1–999

Memory capacity: 2,048 MB RAM + 160 GB HDD

Zoom range: 25–400 % in 1% steps

Preset magnification ratios: 5R / 5E

Digital features
Scan-once-copy-many, electronic sort, 2-in-1 and 4-in-1 function, image repeat copy, page numbering, cover mode, booklet copy, 160 GB document box, interrupt copy, form overlay

Exposure mode: Auto, manual: 7 or 13 steps

Image adjustments: Text + photo, text, photo

Scan functions

Functionality
Scan-to-PC, scan-to-email, scan-to-FTP (FTP via SSL), network TWAIN, scan-to-SMB, scan-to-box, scan-to-USB

Scan speed
100 (b/w), 60 (colour) image per minute (A4, 300 dpi, duplex, DP-760(B))

Scan resolution
600 dpi, 400 dpi, 300 dpi, 200 dpi, 200 x 100 dpi, 200 x 400 dpi, (256 greyscales)

Max. scan size: A3

Original recognition: Text, photo, text + photo, OCR

Interface: 10/100 Base-TX

Network protocol: TCP/IP

File types: PDF (high compressive/encrypted), JPEG, TIFF, XPS

Fax functions (optional)

Compatibility: ITU-T Super G3

Modem speed: Max. 33.6 kbps

Transmission speed: Max. 3 seconds (JBIG)

Scanning density
Normal: 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
halftone

Max. original size: A3

Compression method: JBIG, MMR, MR, MH

Memory: Standard 12 MB, max. 120 MB

Features
Opt. Internet fax, network faxing, rotate transmission, rotate reception, duplex fax reception, memory reception, mailbox, remote diagnostics, dual fax with second fax system

Consumables

TK-725 Toner-Kit
Microfine toner for 34,000 pages with 6 % coverage

Options

Fax system (S)

Internet Fax Kit (A)

Paper handling
DP-750(B) Document processor (Reversing)
Max. 100 sheets, 45–160 g/m², A3–A5R, folio
DP-760(B) Document processor (One-path duplex scanning)
Max. 100 sheets; 45–160 g/m²; A5R–A3, folio
PF-720(B) Paper feeder
Max. 2 x 500 sheets, 60–163 g/m², A5R–A3, folio
PF-760(B) Paper feeder
Max. 3,000 sheets, 60–105 g/m², A4, B5, letter
DT-710 Document tray
DF-760(B)* Document finisher + AK-700
Main tray: max. 3,000 sheets A4; 60–200 g/m²; A3–B5
Sub tray: max. 200 sheets A4; 45–163 g/m²; A3–A6R
Sub tray (top) max. 50 sheets; 45–163 g/m²; A4-A6R
Stapling up to 50 sheets A4 or 30 sheets A3 at 3 positions, A3-B5
DF-780(B)* Document finisher + AK-700
Max. 1,000 sheets A4, A3–B5E, 64–128 g/m², 3 positions stapling up to 50 sheets A4 or 25 sheets A3
DF-720(B) Internal document finisher
Max. 500 sheets A4, A3–A5R, 60–80 g/m², 1 position stapling up to 30 sheets A4 or 20 sheets A3
PH-5C/PH-5D Punch unit for DF-760(B)
2-hole/4-hole/Swedish type, 60–200 g/m², A5R–A3
MT-720(B) Mailbox sorter for DF-760(B)
7 bins x max. 100 sheets A4, 50 sheets A3/B4, 60–163 g/m², A5R-A3
BF-720 Booklet unit for DF-760(B)
Max. 64 pages (16 sheets) booklet folding and stapling 60–105 g/m², A3, B4, A4R, cover sheet 60–200 g/m² (simplex)
JS-700(B) Job separator
100 sheet internal job separator, 60–200 g/m², A3–A5R

*Adapter Kit AK-700 is required for the use of DF-760(B) and DF-780(B).

Memory
CompactFlash® card
1 slot (up to 4 GB) for printing forms, fonts, logos, macro storage

Fax memory
MM-16-128: Image memory (120 MB)

Security
Data Security Kit (E)
ISO 15408 (Common Criteria) with security level EAL3

Printed Document Guard Kit (A)

Optional interface
PS159: Wireless LAN (802.11b/g)
PS1109 Gigabit Ethernet
10BaseT / 100BaseTX / 1000BaseT (RJ-45)
PS129 Fibre Optic: 100BaseSX (SC)
PS1129 Gigabit Fibre Optic: 1000BaseSX (SC)

Others
Platen cover (E)
CB-820: Wooden cabinet
CB-821: Metal cabinet

TASKalfa 420i/520i

▶ print ▶ copy ▶ scan ▶ fax

THE INTELLIGENT MULTIFUNCTIONALS FOR EVERY OFFICE.

Product depicted includes optional extras.

Your KYOCERA Business Partner:

09098RE420L_520iEMC

ENERGY STAR · R6 READY

KYOCERα **TASKalfa** **KYOCERα**

MADE FOR MODERN BUSINESS APPLICATIONS.

Productivity depends on effectively managing your business information load. The new KYOCERA TASKalfa multifunctional devices provide your office with the highly productive tools needed to do just that. Intelligent, highly reliable technology ensures that with TASKalfa office devices, all users get their jobs done quickly, the first time and every time.

DESIGNED TO MEET ALL YOUR OFFICE NEEDS.

Flexibility is one of the keys to handling the demands set by a busy office environment. It is also one of the main characteristics of the new TASKalfa 420i/520i. It starts with the easy-to-use, widescreen touch panel. The intuitive command structure on this colour panel enables fast and simple operation of the full range of functions, regardless of whether these devices are being used as a copier, network printer, full-colour scanner or even with the optional fax function. And with a speed of up to 52 ppm A4 and a high-speed, one-path duplex document processor that scans up to 100 ipm in B/W and 60 ipm in colour, these office devices are highly productive. And that's not all. With a wide range of paper handling options and different paper feeders to choose from, you have a device that flexible meets your individual needs from start to finish.

HIGHLIGHTS TASKalfa 420i/520i:
- ▶ Up to 42/52 pages per minute A4 in b/w
- ▶ 2 GB RAM + 160 GB HDD memory and storage
- ▶ Standard network printing, colour scanning and duplex printing
- ▶ Expandable dual fax ports and internet fax
- ▶ Selectable document processors from one-path type and reversing type
- ▶ Individual paper-handling and finisher options
- ▶ Enhanced security functions
- ▶ Long-life components provide exceptional efficiency and reliability

FULL-SCALE INTEGRATION INTO YOUR WORKFLOW.

HyPAS™

It's simple: greater flexibility means optimised office workflow and efficiency. HyPAS™, KYOCERA's new software development platform, provides more flexibility than ever before. Embedded in the TASKalfa 420i/520i, HyPAS™ combines Java based programming with web service technology so that these multifunctional devices can work efficiently both with applications embedded within the device or those based on an external web server. This makes it much easier to optimise workflows by customising the device panel and making these devices a part of automated, company-specific processes. Regardless of whether it is security options and structures, document routing, accounting functions or other document management options, all functions (print, copy, fax or scan) can be altered to support your company's processes and demands.

Designed to give users fast and easy access to all functions, this spacious, full colour, wide touch-panel ensures full flexibility at all times.

THE INTELLIGENT USE
OF ADVANCED TECHNOLOGY.

The TASKalfa 420i/520i unites all of the functions needed in an efficient office environment for fast, cost-effective office document management. All scan, fax, copy and print functions are quickly and easily accessible via a large user-friendly touch-panel with intuitive controls. Intelligent technology and software ensure that no matter how you organise your office – you will be faster and more efficient with the TASKalfa 420i/520i.

PRINT – EFFICIENT RIGHT FROM THE FIRST PRINTOUT.

These multifunctional devices are highly reliable network printers. The intelligent technology used for image processing provides clear, professional printouts. The electronic systems also include encryption options that keep the data stored on TASKalfa multifunctional devices secure. KYOCERA also offers the option of using your company ID card for fast user authentication at the printer. This excellent security option allows users the freedom to pick up their printouts at any company printer while at the same time ensuring that no important information is ever left unguarded in the printout tray.

COPY – TAKE AS MANY AS YOU NEED.

Efficiently organised offices know that copying is much more than simply making a copy. Naturally, the multifunctional TASKalfa 420i/520i quickly provides high-quality copies. And when you need more copies of a standard company document, there is no need to interrupt what you are doing to go back to your desk and send a print job. The convenient thumbnail function enables users to preview the documents stored on the TASKalfa HDD and print out as many copies as you need. All without generating any data traffic on the company network. With all controls easily accessible on the colour, wide-screen touch panel, producing high-quality copies has never been so easy.

SCAN – SPEEDING UP THE WORK PROCESS.

Fast and highly functional, the TASKalfa 420i/520i provide excellent support when it comes to converting paper documents into digital files. The impressive speed of up to 100 ipm in B/W and 60 ipm in colour at a resolution of 300 dpi gets all the work done in excellent quality and in a minimum of time. And these multifunctional devices are also available with the optional document processor DP-760(B) that scans double sided originals in one single step so that no time is lost in turning the paper around. Processing options, such as scanning to a server, scan-to-email and scan-to-USB, proved complete flexibility. With a choice of the most commonly used formats such as PDF, JPEG, TIFF or XPS, these multifunctionals make communications as simple as can be without ignoring data protection. By using the encrypted PDF function, users can enter a password of their choice that will ensure that the scanned file can only be opened when that password is used.

FAX – READY TO SEND.

The optional fax functionality provides all of the functions you would expect from an efficient fax machine, such as broadcast sending, timer-based transmission, fax forwarding and much more. In addition, TASKalfa multifunctionals are also available with an optional fax via internet function that can help to keep your communication costs low. When it comes to sending legally binding originals, there is nothing that beats the speed and efficiency of the TASKalfa fax option.

## INFORMATION SECURITY – PROTECTING YOUR BUSINESS.

Data protection has become one of the major concerns of most companies. To safeguard against potential security risks, these models come with IPsec, IPv6 and PDF encryption as standard. For even greater security, KYOCERA's Data Security Kit effectively deletes all data stored to the hard disk during the print, copy or scanning process. And by adding the Document Guard Kit, companies can ensure that documents embedded with the print guard pattern cannot be copied, scanned or faxed from any TASKalfa device that has the kit installed.

SELECT THE PERFECT FINISHING.

Choose from a complete selection that includes two document processors and three different finishers, incluuing one modular finisher with optional booklet unit and 7-bin mailbox for even faster and more efficient organisation of printouts. Additional paper cassettes can give these fast multifunctional devices a paper supply of up to 4,200 sheets, for hours of non-stop printing. No matter how your office carries out its document management – you can do it better with a TASKalfa multifunctional.

Designed and engineered to let you finish your documents your way, these highly efficient multifunctional devices not only print out just about any job you may require, they can also offer a complete range of finishing options.

7-bin mailbox sorter MT-720(B)

Document processor DP-760(B) for one-path duplex scanning

Optional document finisher DF-760 (for 3,000 sheets)

User-friendly colour touch-panel

Booklet unit BF-720

Multi-purpose tray (for up to 200 sheets)

Easy-to-open paper cassettes

Base version
Two 500-sheet cassettes and a 200-sheet multi-purpose tray provide a generous paper reserve. The Optional document processor DP-750(B) automatically reverses paper for easy double-sided scanning and copying.
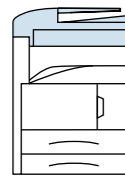
Basis configuration with DP-750(B)

Flexibility
Two additional 500-sheet paper cassettes enable fast, convenient access to multiple paper types.
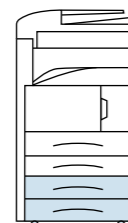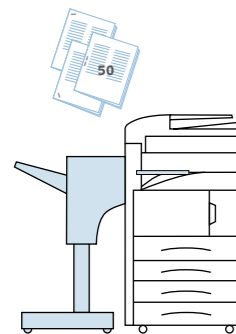
PF-720(B)

High capacity
This 3,000-sheet paper feeder is ideal for large print runs. And for large volumes the DP-760(B) scans double-sided originals in one easy step. The 500-sheet internal finisher DF-720 (B) staples maximum 30 sheets in one position.
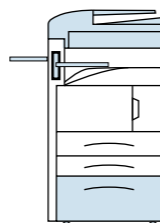
PF-760(B) + DP-760(B) + DF-720(B)
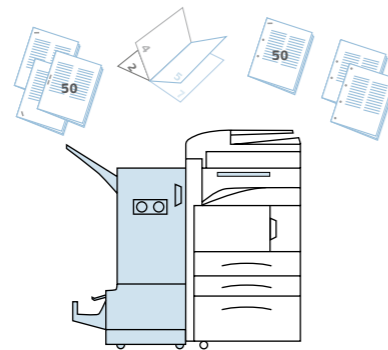
Basic finishing solution
Gives your documents a professional finish – the 1,000-sheet finisher staples in three positions.

DF-780(B)
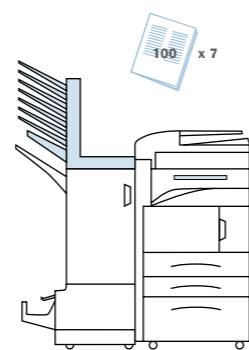
Advanced finishing solution
Add a 3,000-sheet finisher with stapling, a 2- and 4-hole punch unit and booklet unit.

DF-760(B) + PH-5C/PH-5D + BF-720

Departmental
To separate different users' output, add a convenient mailbox with 7 trays.

MT-720(B)

COUNT ON US.

As one of the leading manufacturers of office document solutions, KYOCERA is committed to delivering consistently high-quality products and services. We not only provide you with the most reliable hardware and software, but also offer exceptional service, comprehensive consulting and tailor-made financing. Whatever your needs – you can count on us. Want to know more? Simply get in touch with your local KYOCERA Business Partner.