

# 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

### 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/m<sup>2</sup>, A3-A6R;

Max. 2 x 500 sheet universal paper cassette, 60-105 g/m<sup>2</sup>, A3-A5R;

A3-A5R;

Max. input capacity with options: 4,200 sheets A4

### Duplex unit

Duplex as standard support A3-A5, 60-80 g/m<sup>2</sup>

### 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

**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/m<sup>2</sup>, A3-A5R, folio

**DP-760(B) Document processor (One-path duplex scanning)**

Max. 100 sheets; 45-160 g/m<sup>2</sup>; A5R-A3, folio

**PF-720(B) Paper feeder**

Max. 2 x 500 sheets, 60-163 g/m<sup>2</sup>, A5R-A3, folio

**PF-760(B) Paper feeder**

Max. 3,000 sheets, 60-105 g/m<sup>2</sup>, A4, B5, letter

**DT-710 Document tray**

**DF-760(B)\* Document finisher + AK-700**

Main tray: max. 3,000 sheets A4; 60-200 g/m<sup>2</sup>; A3-B5

Sub tray: max. 200 sheets A4; 45-163 g/m<sup>2</sup>; A3-A6R

Sub tray (top) max. 50 sheets; 45-163 g/m<sup>2</sup>; 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/m<sup>2</sup>, 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/m<sup>2</sup>, 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/m<sup>2</sup>, 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/m<sup>2</sup>,

A5R-A3

**BF-720 Booklet unit for DF-760(B)**

Max. 64 pages (16 sheets) booklet folding and stapling

60-105 g/m<sup>2</sup>, A3, B4, A4R, cover sheet 60-200 g/m<sup>2</sup> (simplex)

**JS-700(B) Job separator**

100 sheet internal job separator, 60-200 g/m<sup>2</sup>, 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



Product depicted includes optional extras.

# TASKalfa 420i/520i

MONOCHROME MULTIFUNCTIONALS FOR A3 FORMAT

► print ► copy ► scan ► fax

## THE INTELLIGENT MULTIFUNCTIONALS FOR EVERY OFFICE.



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**KYOCERA**

**TASKalfa**

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# 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.**

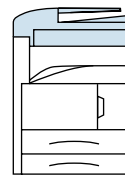
Data protection has become one of the major concerns of most companies. To safeguard against potential security risks, these models come with IPsec, IPv6 and PDF encryption as standard. For even greater security, KYOCERA's Data Security Kit effectively deletes all data stored to the hard disk during 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.

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.

#### Base version

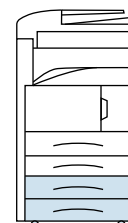
Two 500-sheet cassettes and a 200-sheet multi-purpose tray provide a generous paper reserve. The Optional document processor DP-750(B) automatically reverses paper for easy double-sided scanning and copying.



Basis configuration with DP-750(B)

#### Flexibility

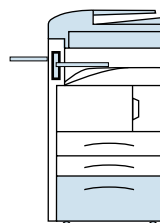
Two additional 500-sheet paper cassettes enable fast, convenient access to multiple paper types.



PF-720(B)

#### High capacity

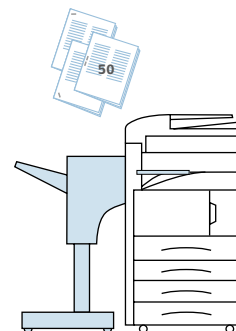
This 3,000-sheet paper feeder is ideal for large print runs. And for large volumes the DP-760(B) scans double-sided originals in one easy step. The 500-sheet internal finisher DF-720 (B) staples maximum 30 sheets in one position.



PF-760(B) + DP-760(B) + DF-720(B)

#### Basic finishing solution

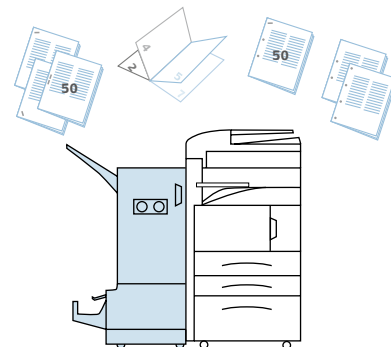
Gives your documents a professional finish – the 1,000-sheet finisher staples in three positions.



DF-780(B)

#### Advanced finishing solution

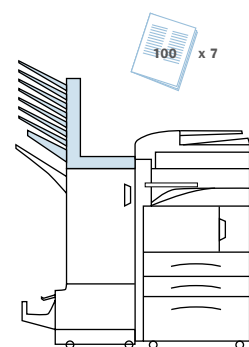
Add a 3,000-sheet finisher with stapling, a 2- and 4-hole punch unit and booklet unit.



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)

Choose from a complete selection that includes two document processors and three different finishers, including 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.

7-bin mailbox  
sorter MT-720(B)

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

Booklet unit BF-720

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

User-friendly colour touch-panel

Multi-purpose tray  
(for up to 200 sheets)

Easy-to-open paper cassettes



## 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.