

**TASKalfa** 

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**TASKalfa 5501i**

MONOCHROME  
MULTIFUNCTIONAL FOR  
A3 FORMAT

# HIGH SPEED PERFORMANCE FOR BUSY OFFICES.



This highly productive multifunctional device provides an output speed of up to 55 ppm and a scan speed of up to 160ipm. The high capacity finishing options and a paper-capacity of up to 7,150 sheets ensure uninterrupted productivity even for heavy workloads. The simple and large colour touch panel offers fast access to a wide range of document management functions. It also has enhanced security functions to protect your sensitive documents.

- > Up to 55 pages per minute A4 in b/w
- > 2 GB RAM, storage capacity of 160 GB HDD
- > Standard network printing and colour scanning
- > Expandable fax functions of dual fax, network fax, and internet fax
- > Optional scan to searchable PDF solution (OCR)
- > Individual paper-handling options including booklet and tri-folding
- > Comprehensive security functions including optional IC Card Reader
- > Long-life components provide unprecedented efficiency and reliability

 **KYOCERA**  
Document Solutions

## GENERAL

**Technology:** KYOCERA Laser Monochrome, HyPAS™ solution platform

**Engine speed (pages per minute):** Up to 55/27 ppm A4/A3

**Resolution:** 600 x 600 dpi, Multi-bit technology for print quality of 9,600 dpi equivalent x 600 dpi

**Warm-up time from power on:** Approx. 23 seconds or less

**Time to first page:** Approx. 3.2 seconds or less

**CPU:** Freescale QorIQ P1022 (Dual Core) 800MHz

**Memory:** 2 GB RAM + 160 GB HDD

**Standard interface:**  
USB 2.0 (Hi-Speed), USB Host 2.0, Fast Ethernet 10Base-T/100BaseTX/1000BaseT, slot for optional print server, slot for optional SD-card, slot for optional Fax System

**Dimensions (W x D x H):** Main unit: 668 x 767 x 747 mm

**Weight:** Main unit approx. 82 kg

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

**Power consumption:**  
Printing: 890 W  
Ready mode: 170 W  
Sleep mode: Recovery priority 8.4 W  
Energy saving priority 1.8 W

**Noise (sound pressure level ISO 7779/ISO 9296):**  
Printing: 51.4 dB(A) LpA  
Ready mode: 33.6 dB(A) LpA

**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:**  
150-sheet multi-purpose tray, 60–300 g/m<sup>2</sup>  
A6R–305 x 457 mm, Tab paper (136–256 g/m<sup>2</sup>), banner max. 305 x 1,220 mm; 2 x 500-sheet universal paper cassette, 60–220 g/m<sup>2</sup>, 140 x 182–305 x 457 mm ;  
Max. input capacity with options: 7,150 sheets A4

**Duplex unit:** Duplex as standard supports A5R–305 x 457 mm, 60–256 g/m<sup>2</sup>

**Output capacity:** Standard 250 sheets face-down, max. output capacity 4,300 sheets

## PRINT FUNCTIONS

**Controller language:** PRESCRIBE IIe

**Emulations:** PCL6 (PCL5c/PCL-XL), KPDL3 (PostScript 3 compatible), PDF Direct Print, XPS Direct Print

**Operating systems:** All current Windows operating systems, Mac OS X Version 10.4 or higher, UNIX LINUX, as well as other operating systems on request.

**Fonts/barcodes:** 93 outline fonts (PCL), 136 fonts (KPDL3), 8 fonts (Windows Vista), 1 Bitmap font, 45 types of one-dimensional barcodes plus two-dimensional barcode (PDF-417)

**Print features:** Encrypted PDF Direct Print, IPP printing, e-mail printing, WSD print, secure printing via SSL, IPsec, SNMv3, Quick copy, proof and hold, Private Print, job storage and job management functionality

## COPY FUNCTIONS

**Max. original size:** A3

**Continuous copying:** 1–999

**Zoom range:** 25–400 % in 1 % steps

**Preset magnification ratios:** 5R/5E

**Digital features:** Scan-once-copy-many, electronic sort, 2in1 and 4in1 function, image repeat copy, page numbering, cover mode, booklet copy, interrupt copy, form overlay, stamp function and skip blank page function.

**Exposure mode:** Auto, manual: 7 or 13 steps

**Image adjustments:** Text + photo, text, photo, map

## SCAN FUNCTIONS

**Functionality:** Scan-to-email, Scan-to-FTP, Scan-to-SMB, Scan-to-USB Host, Scan-to-box, Network TWAIN, WSD scan

**Scan speed:** (A4, 300 dpi, Dual Scan with DP-772) b/w 160 images per minute, colour 80 images per minute

**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, optimised for OCR

**Network protocol:** TCP/IP

**File types:** PDF (high compression PDF), Searchable PDF (Option), TIFF, JPEG, XPS

## FAX FUNCTIONS (OPTIONAL)

**Compatibility:** ITU-T Super G3

**Modem speed:** Max. 33.6 kbps

**Transmission speed:** Max. 3 seconds (JBIG)

**Fax resolution:**  
Normal: 200 x 100 dpi  
Fine: 200 x 200 dpi  
Superfine: 200 x 400 dpi  
Ultrafine: 400 x 400 dpi

**Maximum original size:** A3

**Compression method:** JBIG, MMR, MR, MH

**Memory:** Standard 12 MB, max. 128 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-6305 Toner-Kit:** Average continuous toner yield 35,000 pages in accordance with 6 % coverage A4

**WT-860 Waste Toner Bottle:** 100,000 pages (in accordance with 6% coverage)

**Staple cartridge:**  
SH-10 for DF-770, BF-730  
SH-12 for DF-790

## OPTIONS

**Fax System (W) B**

**Internet Fax Kit (A)**

**Scan Extension Kit (A):**  
Scan to searchable PDF solution (embedded OCR)

## Paper handling

**DP-770(B) Document processor:** (reversing document processor), 100 sheets, 45–160 g/m<sup>2</sup>, A5R–A3, A6R (simplex only)

**DP-772 Document processor:** (one-path duplex scanning) 175 sheets, 35–220 g/m<sup>2</sup> (simplex), 50–220 g/m<sup>2</sup> (duplex), A6R–A3

**PF-730(B) Paper feeder:** 2 x 500 sheets, 60–256 g/m<sup>2</sup>, A5R–305 x 457 mm, folio

**PF-740(B) Paper feeder:** 3,000 sheets, 60–256 g/m<sup>2</sup>, A4, B5, letter

**PF-770 A4 side deck:** 3,000 sheets, 60–300 g/m<sup>2</sup>, A4, B5

**DT-730(B) Document tray**

**DF-790(C) Document finisher + AK-731:** Main tray: max. 4,000 sheets A4 (3,000 sheets with attachment BF-730); max. 60–300 g/m<sup>2</sup>; max. B5R–305 x 457 mm  
Sub tray: 200 sheets A4; 60–300 g/m<sup>2</sup>; A6R–305 x 457 mm  
Sub tray (top): 100 sheets; 60–300 g/m<sup>2</sup>; A6R–A4  
Stapling up to 65 sheets A4 or 30 sheets A3 at 3 positions, B5–305 x 457 mm

**DF-770(D) Document finisher + AK-731:**  
Main tray: 1,000 sheets A4, 60–300 g/m<sup>2</sup>, B5E–305 x 457 mm, 3 positions stapling up to 50 sheets A4 or 30 sheets A3  
Sub tray: 100 sheets A4, 60–300 g/m<sup>2</sup>, A4–A6R,

**PH-7C/PH-7D Punch unit for DF-790(C)/DF-770(D):**  
2-hole/4-hole/Swedish type, 60–300 g/m<sup>2</sup>, A5R–A3

**MT-730(B) Mailbox sorter for DF-790(C):**  
7 bins x 100 sheets A4, 50 sheets A3/B4, 60–163 g/m<sup>2</sup>

**BF-730 Booklet and tri-folding unit for DF-790(C):**  
Half folding: 60–256 g/m<sup>2</sup>, A3, B4, A4R  
Booklet: max. 16 sheets (64 pages, 60–90 g/m<sup>2</sup>)  
Non-staple folding: max. 5 sheets (60–90 g/m<sup>2</sup>)  
Tri-folding: 60–105 g/m<sup>2</sup>, A4R  
Multi tri-folding: 5 sheets (60–90 g/m<sup>2</sup>), 3 sheets (91–105 g/m<sup>2</sup>)

**JS-730 Job separator:**  
30-sheet internal job separator, 60–256 g/m<sup>2</sup>, A5R–A3

**JS-731 Job separator:**  
70-sheet external job separator, 60–256 g/m<sup>2</sup>, A5R–A3  
\*Bridge unit AK-731 is required for the use of DF-790(C) and DF-770(D).

**Banner Guide (A):**  
Banner paper feeding guide, up to 10 sheets

**Fax memory**  
**MM-16-128:** Optional fax memory (128 MB)

**Security**  
**Data security kit (E):** In line with ISO 15408 (Common Criteria) with security level EAL3

**Printed Document Guard Kit (B)**

**USB IC Card Reader and Card Reader Holder (E)**

**UG-33:** ThinPrint support

**UG-34:** Emulation (IBM Printer/EPSON LQ-850/Diablo 630)

**Optional interface**  
**IB-50:** Gigabit-Ethernet board  
10BaseT/100BaseTX/1000BaseT

**IB-51:** Wireless Lan Interface

**Platen cover (E)**  
**CB-730** Wooden cabinet  
**CB-731** Metal cabinet



**HyPAS™**