

# **Specification for Multifunction Colour Laser printer**

## **Functions**

- Print, copy, scan, fax

Multitasking supported

Yes

## **Printing specifications**

Print speed black:

Normal: Up to 20 ppm

Print speeds colour:

Normal: Up to 20 ppm

First page out (ready)

Black: As fast as 16.5 sec

Colour: As fast as 16.5 sec

Duty cycle (monthly, A4)

Up to 40000 pages

Recommended monthly page volume

1000 to 2500

Print technology

Laser

Print quality black (best)

Up to 600 x 600 dpi

Print quality colour (best)

Up to 600 x 600 dpi

Print languages

- PCL 6
- PCL 5c
- Postscript Level 3 emulation
- PCLm PDF
- URF

Display

- 8.9 cm intuitive touchscreen Colour Graphic Display (CGD)

Processor speed  
800 MHz  
Automatic paper sensor  
No

## **Connectivity**

ePrint capability  
Yes  
Mobile printing capability  
ePrint, Apple AirPrint™, Mopria certified, Mobile Apps

Connectivity, standard

- Hi-Speed USB 2.0
- Fast Ethernet 10/100Base-TX
- Host USB

## **Memory specifications**

Memory, standard  
256 MB  
Memory, maximum  
256 MB

## **Paper handling**

Paper handling input, standard  
50-sheet multipurpose tray  
250-sheet input tray  
50-sheet Automatic Document Feeder (ADF)  
Paper handling input, optional  
Optional 250-sheet tray  
Paper handling output, standard  
150-sheet output bin  
Maximum output capacity (sheets)  
Up to 150 sheets  
Duplex printing

- Automatic (standard)

#### Media sizes supported

Tray 1: A4, A5, A6, B5 (JIS), 10 x 15 cm, postcards (JIS single, JIS double), envelopes (ISO DL, ISO C5, ISO B5); Tray 2, optional Tray 3: A4, A5, A6, B5 (JIS), 10 x 15 cm, postcards (JIS single, JIS double), envelopes (ISO DL, ISO C5, ISO B5); Automatic duplexer: A4, B5

#### Media sizes, custom

Tray 1: 76 x 127 to 216 x 356 mm; Tray 2, optional Tray 3: 100 x 148 to 216 x 356 mm

#### Media types

Paper (bond, brochure, coloured, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, transparencies, labels, envelopes

#### Media weight, supported

Tray 1: 60 to 176 g/m<sup>2</sup> (up to 220 g/m<sup>2</sup> with postcards and HP Color Laser Glossy Photo Papers); Tray 2, optional Tray 3: 60 to 163 g/m<sup>2</sup> (up to 176 g/m<sup>2</sup> with postcards); Automatic duplexer: 60 to 163 g/m<sup>2</sup>

#### Media weights, supported ADF

60 to 90 g/m<sup>2</sup>

## **Scanner specifications**

#### Scanner type

Flatbed; ADF

#### Scan file format

PDF, searchable PDF, JPG, RTF, TXT, BMP, PNG, TIFF

#### Scan resolution, optical

Up to 300 x 300 dpi (colour and black & white, ADF); up to 300 x 300 dpi, 600 x 600 dpi, 1200 x 1200 dpi (Flatbed)

#### Scan size (flatbed), maximum

216 x 297 mm

#### Scan size (ADF), maximum

216 x 356 mm

#### Scan size (ADF), minimum

127 x 127 mm

#### Scan speed (normal, A4)

Up to 17 ppm (black & white), up to 13 ppm (colour)

#### Duplex ADF scanning

Yes, single-pass duplex ADF

#### Automatic document feeder capacity

Standard, 50 sheets

#### Digital sending standard features

- Scan to email; Scan to folder; LDAP authentication

#### File formats, supported

- PDF
- JPG

## Scan input modes

- From PC: Solution Center Lite (Windows Vista, Windows XP) or Device Stage (Windows 7)
- TWAIN-compliant or WIA-compliant software

## **Copier specifications**

Copy speed (normal)  
Black: Up to 20 cpm  
Colour: Up to 20 cpm  
Copy resolution (black text)  
Up to 300 x 420 dpi  
Copy resolution (colour text and graphics)  
300 x 420 dpi (Flatbed); 300 x 360 dpi (ADF)  
Copy reduce / enlarge settings  
25 to 400%  
Copies, maximum  
Up to 99 copies

## **Fax specifications**

Faxing  
Yes  
Fax transmission speed  
33.6 kbps  
Fax memory  
Up to 250 pages  
Fax resolution  
Up to 300 x 300 dpi  
Speed dials, maximum number  
Up to 120 numbers  
Broadcast locations  
119 locations

## **Power and operating requirements**

Power  
Input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz)  
Power consumption

397 watts (print/copy), 17.6 watts (ready), 1.5 watts (sleep), 0.8 watts (auto-off/auto-on), 0.4 watts (auto-off), 0.4 (off). Typical Electricity Consumption (TEC): 1.188 kWh/Week.

ENERGY STAR® qualified

- Blue Angel UZ 171 certified

Operating temperature range

15 to 30°C

Operating humidity range

20 to 70% RH (non-condensing)

Acoustic power emissions (ready)

Acoustic pressure emissions bystander (active, printing)

51 dB(A)