IBM

IBM Infoprint 1570 MFP (MT 4542) new models provide low-cost multifunction printing (MFP)

Overview

IBM Infoprint® 1570 MFP is an all-in-one multifunction printer (MFP) that provides print, copy, scan and fax functions. With a 50 page-per-minute (ppm)[1] monochrome laser printer and a 35 sides-per-minute[2] scanner, the Infoprint 1570 is designed to keep up with the demands of medium and even large workgroups. These new models offer all of this with a very cost-effective price.

New functionality of the Infoprint 1570 MFP include:

- More vivid display

- Intuitive job cancel

- Scan preview (hard drive models only)

- Custom Job (Job build) (hard drive models only)

- Priority copies

- Copy countdown

- Auto sensing of mixed sizes

- Legal-size flat bed

- Print from/scan to flash drive

- Fax redirect

- Network Twain Driver

- Hard drive encryption and "wiping" (hard drive models only)

- Wireless option

[1] Exact print speed varies depending on document complexity, system configuration, software applications, driver and printer status.

[2] Exact scan speed varies depending on the document attributes, system configuration and user-selected settings.

Planned availability date

April 7, 2006

At a glance

IBM Infoprint 1570 MFP provides the following benefits:

- Local and network print

- Network scan

- Copy

- Fax

- ADF with single pass duplex capability

- Legal-size flat bed

Description

Infoprint 1570 MFP is an all-in-one multifunction printer (MFP) that provides print, copy, scan and fax functions. These two new models are the lowest-priced Infoprint 1570 models and are summarized in the following table:

Models	memory	memory	Ethernet	USB Port	Processor	drive	Modem
101	256 MB	768 MB	Standard	Standard	533 MHz	Yes	No
111	256 MB	768 MB	Standard	Standard	533 MHz	Yes	Yes

Key functions supported include:

- More availability for concurrent jobs
- Collation of larger document jobs
- Larger number of fax pages can be spooled (both sending and receiving)
- Job building
- Scan preview
- Print spooling (job buffering)
- Copy spooling
- E-mail spooling/queuing
- Fonts and Macro storage
- MFP Lockout
- Booklet creation in copy mode

The hard drive capacity is greater than 40 GB. These models come with one 500-sheet drawer as standard. Up to four optional drawers are supported for a total input capacity of 4,100 sheets. Optional duplex is available. Output capacity for all models is 500 sheets.

Memory

These models have one slot for additional SDRAM memory. Memory options include 128 MB, 256 MB and 512 MB with a total of 768 MB maximum memory. All models have two slots for flash memory and application solution features. One 32 MB or 64 MB flash memory option is supported.

Network connections

Fast Ethernet is standard on all models. Optional Gigabit Ethernet is also available. Optional wireless Ethernet is supported through the wired Ethernet port or through the USB port.

Usage rates

The maximum monthly usage for printing is 225,000 impressions. IBM does not recommend printing to these monthly maximums on a consistent basis.

Print quality

The resolution of the Infoprint 1570 is:

- 1200 x 1200 dpi (at reduced speed)
- 2400 Image Quality
- 1200 Image Quality
- 600 x 600 dpi

The Toner Darkness setting offers 10 user-selectable settings to balance print darkness and toner savings. The higher the setting, the darker the print. Within the range of print darkness settings, up to 50% toner savings can be realized from the factory default setting of 8.

Font support

The Infoprint 1570 MFP resident fonts include support for following:

Emulation	Number of scalable fonts	Number of bitmapped fonts
PCL 6	89	2
PostScript 3	158	0
PPDS	39	5

Operator panel

The Infoprint 1570 MFP operator panel has:

- Touch-sensitive GUI plus 17 "hard" buttons and one LED
- Colour LCD (TFT) with backlight
- 8.0-inch display
- Adjustable viewing angle

MFP

Scanner

Scanner Type	Colour/Mono Flatbed Scanner with ADF
Scan Technology	Charge Coupled Device (CCD)
Light Source	Cold Cathode Fluorescent Lamp (CCFL)
Number of Light Sources	2
Max Optical Resolution —Flatbed	600 x 600 dpi (Mono) 600 x 600 dpi (Colour), with final resolution of 300 x 300 dpi
Scan Area —Flatbed	Max. 8.5 in x 14 in (216 mm x 355.6 mm)

Scanner ADF

ADF Type	Single Pass Duplex ADF with C-Path
Optical Resolution ADF (Mono)	Max. 600 x 600 dpi
Optical Resolution ADF (Colour)	Max. 600 x 300 dpi (final resolution 300 x 300 dpi
Document Capacity	50 Sheets 20 lb. (75 g/m2) Bond
Media Depth (Thickness)	Max. .15 mm Min. .05 mm
Media Weight	Max. 32 lb (120 g/m2) Min. 15 lb (56 g/m2)

Scan Area — ADF	Max. 8.5 x 14.0 (216 mm x 355 mm) Min. 4.5 x 5.5 (114.3 mm x 139.7 mm)
Paper Feed Orientation	

Printer

Print Technology	Hot Roll Fuser
Print Feed Orientation	Short Edge Feed

Fax

Modem	Built-in Group 3 compatible, Full Function Fax 33,600 bps, Max V.34 Half Duplex

Telecommunications approval

This product may connect to a Public Telecommunications Network, as such by country regulations and laws this product may require Telecommunications Approval through country Telecommunications Authority prior to sale.

Features

The Infoprint 1570 MFP supports the following features:

Part number	Description
39V0213	250-Sheet Drawer
39V0214	500-Sheet Drawer
39V0317	500-Sheet Tray
39V0217	500-Sheet Duplex Unit
39V0215	2,000-Sheet Drawer (Letter)
39V0219	Envelope Feeder
75P6986	128 MB Memory DIMM
75P6987	256 MB Memory DIMM
75P6988	512 MB Memory DIMM
75P6989	32 MB Flash Memory
75P6990	64 MB Flash Memory
39V0796	Card for IPDS™ and SCS/TNe
39V0797	Bar Code Card
39V0326	RS-232C Serial Interface Card
39V0327	Parallel 1284-B Interface Card
75P6992	Ethernet 1000BaseTX
39V1524	Ethernet 10/100BaseTX (1 USB port)
39V1525	Ethernet 1000BaseTX (4 USB ports)
39V1526	Ethernet 10/100BaseTX (1 parallel port)
75P6857	802.11 g Wireless to Ethernet
75P6854	802.11 g Wireless to USB
75P7029	10 ft. Parallel Cable
75P7030	2-meter USB Cable
53P7950	Printer Stand with Cabinet
53P7951	Printer Stand
53P7952	Low Profile Printer Stand
39V1291	Caster Base
39V1292	Large Spacer

Accessibility by people with disabilities

The following features support use by people with disabilities:

- Controls and latches are operable with one hand and minimal dexterity.

- Keys are discernible by touch without activating them.

- The display, controls, latches and levers are accessible to someone in a wheel chair.

- Colour is used as an enhancement for conveying information and as an additional method of distinguishing between buttons, controls and latches.