

## IBM Infoprint Color 1220 and Infoprint Color 1228

*Providing cost-effective, high-speed colour printing solutions*



### **Enabling colour printing at outstanding value**

Colour is becoming a necessity in the workplace. It enhances the impact of documents and can make an impression on customers that positively influences their buying habits – and potentially your profitability. Companies need solutions designed to handle the demands of office colour printing – solutions that provide the performance, print quality, affordability and ease of use perceived by many to be the barriers to colour printer adoption.

The IBM Infoprint® Color 1220 and Infoprint Color 1228 are high-value workgroup colour printers that provide high-speed printing for both colour and black-and-white jobs. These printers' outstanding performance, reliability and fast page delivery can help workgroups become more efficient.

- *Enhance productivity with high print speeds*
- *Provide 2,400 image quality and consistent colour output*
- *Offer simple maintenance features for ease of use*
- *Help protect printer investment with multifunction options (Infoprint Color 1220 only)*
- *Infoprint Color 1228 supports A3 and ledger-size media for large-format printing.*



### **Printing colour fast for improved productivity**

The Infoprint Color 1220 and Infoprint Color 1228 provide excellent colour quality at print speeds of up to 20 colour or monochrome pages per minute (ppm) and up to 28 colour or monochrome ppm respectively. These high print speeds – for both colour and black and white – can help you improve productivity by significantly reducing bottlenecks and the time spent waiting for jobs at the printer. The printers can produce black and white jobs at a cost per page comparable to most monochrome printers.

A wide-format capability on the Infoprint Color 1228 supports extended in-house production printing that is ideal for charts, spreadsheets, financial statements, Internet printing and design applications.

### **Delivering exceptional print quality without the high cost**

PCL 6 and PostScript 3 emulation are standard features of both printers. 2,400 image quality can produce high print quality while using less memory for faster processing – allowing you to quickly and cost-effectively make short-run productions of collateral such as brochures, flyers and reports. A 1,200 x 1,200 dots-per-inch (dpi) resolution option on the Infoprint Color 1220 offers output at speeds of up to 10ppm – providing excellent print quality faster than most printers in its class. Automatic toner patch sensing on the Infoprint Color 1220 and Infoprint Color 1228 helps deliver superior print quality and consistent colour output.

*Increase efficiency and leverage printer investment by upgrading the Infoprint Color 1220 with the IBM M30 MFP Option. Photo also includes the available duplex unit, additional 500-sheet drawer, scanner shelf and printer stand.*

### **Providing simple, flexible features for easy maintenance**

Front-loading, single-element print cartridges are easy to install, allowing the user to replace supplies without maintenance assistance. Optional 15,000-page and 14,000-page high-yield cartridges – available for the Infoprint Color 1220 and Infoprint Color 1228 respectively – can help limit the number of user interventions and printer downtime.

Both printers offer a variety of optional paper handling features, such as high-capacity inputs, auto-duplexing units and finishers that provide stapling, hole-punch and job offset capabilities.\* Plus, both printers feature three levels of monochrome and colour toner savings, as well as a monochrome lock-down capability to control access to colour printing.

\* Finishers are not available initially; IBM intends to deliver this capability at a later date. Please contact your IBM sales representative for availability status.

### **Leveraging your investment with multifunction capabilities**

You can add full-function copy, fax and colour network scan capabilities – as well as send documents via fax and e-mail – when you upgrade the Infoprint Color 1220 with the IBM M30 MFP Option. The M30 features an easy-to-use colour touchscreen interface and enhanced image processing and integrates easily with the Infoprint Color 1220 to help simplify demanding workflow requirements. An enterprise directory look-up feature enables quick e-mail and faxing activities.

The M30 provides monochrome and colour single-pass duplex scan capabilities and can help increase productivity, improve processing times, reduce costs and optimise device and space utilisation. Optional document distribution software – that integrates into your workflow process – can help reduce manual tasks by automating complex document workflow activities, such as routing, indexing and archiving. Consolidated supplies for printing, copying and faxing can help reduce costs, user intervention and stock management.

### **Relying on world-class service**

With IBM onsite repair service offerings, you can be confident that specially trained customer engineers will come to your location to help keep your operation running smoothly. With IBM service, you receive high-quality, reliable support from experts with comprehensive knowledge of IBM printers, software and supplies. While standard hours of service are 11 hours a day, 5 days a week, you can upgrade to 24 hours a day, 7 days a week.

### **Capitalising on colour printing innovation**

High-speed, efficient workgroup colour printers that can help improve productivity, the IBM Infoprint Color 1220 and Infoprint Color 1228 are easy to use and offer exceptional print quality, performance and reliability at outstanding value. With the IBM M30 MFP Option, you can leverage your investment in the Infoprint Color 1220 – so your output solution can grow with your business.

### **For more information**

To learn more about the IBM Infoprint Color 1220, Infoprint Color 1228 and the IBM M30 MFP Option, contact your local IBM Printing Systems representative or visit:

**ibm.com/printers.**



## MFP Options at a glance

## IBM M30

### Input document handling

Automatic document feeder	
– Capacity	50 sheets
– Maximum speed	23ppm black, 14ppm colour
Maximum original size	
– ADF	216 x 355mm
– Flatbed	210 x 297mm (A4)
Input	Duplex (single pass)
Console type	Touchscreen

### Scanning capabilities

Maximum optical resolution	300 x 300dpi
Scan file formats	JPEG, TIFF, PDF, Adobe PostScript Level 2
Type	Colour and monochrome
Scan destinations/archiving	FTP server, workstation, e-mail
LDAP integration	Directly on the panel
Custom scan profiles	Yes

### Fax capabilities

Maximum fax resolution	400 x 400dpi
Modem speed	33.6Kbps
Receive fax/receive to memory	Yes/Yes
Send hard copy fax	Platen or ADF
Send soft copy fax	From PostScript 3 print driver at workstation
Send to fax server	Yes
Memory send	Yes
Group fax/retry	Yes/Yes
Shortcut keys	Up to 9,999 shortcuts
Selectable quality modes	Standard, Fine, Superfine, Ultrafine
Transmission and receive log	Yes
Delayed send	Set time and date
Automatic and customisable cover sheets	Yes
Internal faxing (scan to FTP)	Yes
Fax-server integration	Biscom, Equisys, Omtool, RightFax

### Physical characteristics

– Dimensions (WxDxH)	845 x 521 x 305mm
– Weight	11.8kg

<b>Scanner duty cycle</b>	10,000 scans/month
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<b>Warranty</b>	One year on site service (upgrades are available)
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Printers at a glance	IBM Infoprint Color 1220	IBM Infoprint Color 1228
<b>Maximum speed (up to)</b>	20ppm, colour or black and white	28ppm, colour or black and white
<b>Processor</b>	350MHz RISC	400MHz RISC
<b>First-page-out time</b>	17.5 seconds in Mono, 20 seconds in colour	15 seconds in Mono and colour
<b>Technology</b>	Laser	Colour dynamic LED
<b>Maximum monthly usage<sup>1</sup></b>	60,000 pages	100,000 pages
<b>Print resolution</b>	1,200 x 1,200dpi (at up to 10ppm)	600 x 600dpi
– Image quality	2,400dpi Automatic colour correction	2,400dpi Automatic colour correction
<b>Colour Management System</b>	Pantone, CMYK U.S., CMYK Europe, SWOP, Euroschaleafter	
– Colour patch sensing	Automatic colour screening selection to optimise print quality based on page content	
<b>Memory (std/max)</b>	64/512MB	64/512MB
– Options	Hard Drive/Flash	Hard Drive/Flash
<b>Paper handling</b>		
– Input capacity (std/stdn/max)	500 + 100/500 + 100/3,100 sheets	550 + 100/550 + 550 + 100/5,300 sheets
– Input sources (std/stdn/max)	2/2/5	2/3/6
– Input options	500 sheet drawers, 2,000 sheet drawer	550 sheet drawers, 3,000 sheet high capacity feeder, 2 x 550 sheet drawer with printer stand
– Output capacity (std/max)	250/3,900 sheets	550 face down + 100 face up/1,650 sheets
– Output sources (std/max)	1/3	2/3
– Output options	650 sheet expanders, 5 bin mailbox, 3,000 sheet finisher	1,100 sheet finisher
<b>Duplex</b>	Option	Option
<b>PC interfaces (standard)</b>		
– Base model	Parallel, USB, one internal solutions port	Parallel, USB, one internal solutions port
– Network model	USB, 10/100BaseTx, one internal solutions port	USB, 10/100BaseTx, one internal solutions port
<b>Printer attachments (optional)</b>	Ethernet 10/100BaseTx, Ethernet 10/100BaseTx/10Base2, Ethernet 10BaseT/2, TokenRing, USB/Parallel 1284-C Interface Card, Coax/Twinax Adapter for SCS, Tri-Port Adapter with RS-232/422 Serial, LocalTalk and IR (infrared) Adapter ports, Fiber Print Server SC and MTRJ connector	
<b>External Print Server</b>	TokenRing UTP/STP - 3 Port, Ethernet 10/100BaseTx - 1 Port, Ethernet 10/100BaseTx/Base2 - 1 Port, Ethernet 10/100BaseTx - 3 Port	
<b>Network environment</b>	Microsoft® Windows® XP, 2000, Me, 98, 95, Windows NT® 4.0 or higher, UNIX®, Linux, Mac OS 8.6 or higher, Novell NetWare 3.x, 4.x, 5.x including NDS and NDPS support	
<b>Application Solutions Options</b>	ImageQuick Web Card, Bar Code, IPDS	ImageQuick Web Card, Bar Code, IPDS
<b>Media sizes</b>	A4, A5, JIS B4, JIS B5, executive, universal, folio, statement and envelopes (#9, COM 10, DL, C5, B5)	A3, A4, A5, JIS B4, JIS B5, executive, universal, tabloid and envelopes (7 3/4, #9, COM 10, DL, C4, C5, B5)
<b>Media</b>		
– Types	Plain paper, card stock, paper labels, transparencies, IBM-recommended soft-gloss paper and envelopes	
– Weight	Plain paper: 60 to 176g/m <sup>2</sup> , Card stock: up to 199g/m <sup>2</sup>	Plain paper: 60 to 105g/m <sup>2</sup> , 105g/m <sup>2</sup> to 176g/m <sup>2</sup> supported with optional heavy media tray, Card stock: up to 165g/m <sup>2</sup>
<b>Physical characteristics</b>		
– Dimensions (WxDxH)	605 x 471 x 528mm	695 x 655 x 512mm
– Weight	47.7kg	80.5kg
<b>Cost saving and environmental features</b>	High yield print cartridges, IBM Return Program, selectable Print Darkness levels (up to 50% toner savings), Print and Hold (Verify Print), optional two-sides printing, Multi-up printing, alert driven printer management, power saver mode	
<b>Supplies<sup>2</sup></b>		
– Ships with	6K print cartridge	8K print cartridge
– Available	6K and 15K print cartridge	14K print cartridge
<b>Warranty</b>	One year on site service	One year on site service

For expanded specifications, visit [ibm.com/printers/workgroup](http://ibm.com/printers/workgroup)

<sup>1</sup> IBM does not recommend printing this monthly maximum on a consistent basis.

<sup>2</sup> Assumes 5 percent toner coverage per page.



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