



KONICA MINOLTA

magicolor 5500 Series



High-performance
Color Laser
Printers



High-Performance Color Laser Printers



QUICK SPECS

- 31 b&w/27 color ppm (magicolor 5550); 37 b&w/31 color ppm (magicolor 5570)
- First page out in 14 seconds
- PowerPC® processor (733 MHz—magicolor 5550; 866 MHz—magicolor 5570)
- 256 MB DDR SDRAM std. / 1024 MB max.
- 9600 x 600 dpi-class Photo ART contone resolution
- Camera direct photo printing
- USB flash drive direct printing (optional)
- 600-sheet input std. / 1,600-sheet input max.
- Auto duplex and staple finisher (optional)
- Gigabit Ethernet®, USB 2.0, & parallel interfaces
- PostScript® 3 (137 fonts) & PCL® 6 (93 fonts)
- Windows®, Macintosh®, & Linux® compatible
- 120,000 pages/month duty cycle
- 1-year exchange warranty

Feature-filled and loaded with processing power, the versatile magicolor 5550 and magicolor 5570 are perfect business partners.

Power and Performance for Demanding Print Environments

The magicolor 5500 Series printers easily manage the printing demands of productive offices.

- With a first-page-out time of 14 seconds, the magicolor 5550 delivers 31 b&w, 27 color ppm while the magicolor 5570 produces 37 b&w, 31 color ppm.
- Both printers feature Emperon printing technology, an ultrafast PowerPC processor, and a 120,000 pages/month duty cycle.
- The onboard 256 MB DDR SDRAM, which doubles data throughput and consumes less energy than conventional SDRAM, can be upgraded to a maximum of 1024 MB for even more processing power and productivity.
- The magicolor 5500 Series printers are network-ready, equipped with a Gigabit Ethernet interface for high-speed business networks. Hi-Speed USB 2.0 and parallel interfaces are also available for local printing.
- Answers to your questions are easily available with toll-free US-based technical support for 5 years.

Multi-Platform Compatibility

The magicolor 5550 and 5570 are perfectly suited for today's multi-platform business environments.

- Comprehensive printer drivers for Windows, Macintosh, and Linux simplify printing with such options as collation, fit-to-page scaling, separation pages, watermarks, tray selection, and secure printing.

- Mixed-network support for TCP/IP, EtherTalk®, NetWare®, and NetBEUI ensures easy integration into almost any office network configuration.
- PostScript 3 and PCL 6 provide seamless development and printing of color documents from popular business applications.
- PageScope™ Web Connection delivers real-time supply status, printer management, and troubleshooting from virtually any networked desktop or laptop.

Photorealistic Image Quality

Attention-getting color documents are always at hand.

- 9600 x 600 dpi-class Photo ART quality and dynamic contone screening delivers ultrafine photographic detail, smooth color gradients, and crisp text.
- ASIC-assisted dynamic contone screening optimizes color output by analyzing page elements and then automatically adjusting the color screens to provide the best possible printed image.
- Enhanced Automatic Image Density Control (eAIDC) further enhances prints by automatically calibrating the printers for optimal color quality and consistency.
- KONICA MINOLTA Simitri® Polymerized Toner has been enhanced to meet the needs of high-volume printing. New Simitri HD toner features a lower-temperature fusing process that results in higher-quality output and lower energy consumption.
- Glossy Print mode delivers ultra fine image quality for photo printing.

- Economy Print mode provides economical draft printing by conserving toner on graphics and images while maintaining clear, sharp text.

Exceptional Media Handling

Save time and money by printing in house on demand.

- The magicolor 5500 Series printers support all standard and custom media sizes, from 3.6" x 5.8" to legal (8.5" x 14"), as well as banner sizes up to 8.5" x 47.24".
- Print on all common media types: plain paper, thick stock, glossy stock, photo media, transparencies, labels (mailing, CD-ROM, etc.), and envelopes.
- The standard 600-sheet paper input capacity can be increased to a generous 1,600 sheets by adding up to two optional 500-sheet lower input feeders.
- Professional-quality, two-sided printed documents are available with an optional duplexer.
- An optional two-bin staple finisher provides stapling, job separation, and offset stacking.





basics

options

FRONT KEYPAD

- Intuitive graphical display with dynamic "help" functions
- At-a-glance toner gauges

PRINT SPEED

- magicolor 5550: 31 ppm b&w, 27 ppm color
- magicolor 5570: 37 ppm b&w, 31 ppm color

INTERFACES

- Gigabit Ethernet (10/100/1000BaseTX), Hi-Speed USB 2.0, Parallel

MEMORY

- 256 MB RAM

COMPATIBILITY

- Windows Vista/Server 2003/XP x64/XP/2000/NT4/Me/98SE
- Macintosh OS X (v10.2+)/OS 9 (v9.1+)
- Linux Red Hat 9/SuSE 8.2
- PostScript 3 and PCL 6

RESOLUTION

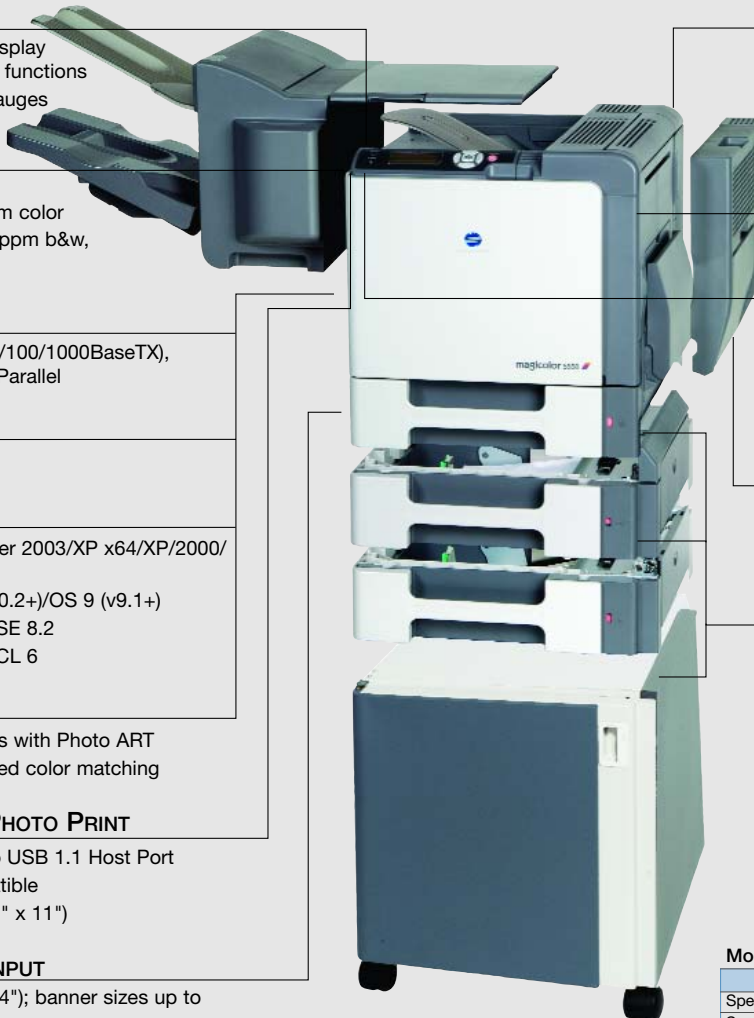
- 9600 x 600 dpi-class with Photo ART
- eAIDC and ICC-based color matching

CAMERA DIRECT PHOTO PRINT

- Direct connection to USB 1.1 Host Port
- PictBridge™ compatible
- Up to letter size (8.5" x 11")

PAPER SIZE AND INPUT

- Up to legal (8.5" x 14"); banner sizes up to 8.5" x 47.24"
- 100-sheet multipurpose tray
- 500-sheet cassette
- Quick-view paper level indicator



HARD DISK OR COMPACT FLASH CARD

- For downloaded fonts, forms, and color profiles; electronic collation; Job Accounting; direct PDF, JPEG, & TIFF printing; Hard Disk adds Proof then Print, Secured Job, Print & Hold, and Stored Job functions

MEMORY

- Upgrade to 1024 MB

USB FLASH DRIVE DIRECT PRINT

- Direct connection to USB 1.1 Host Port
- Print PDF, JPEG, and TIFF files from a USB flash drive
- Requires optional hard disk or compact flash card

DOCUMENT HANDLING

- Automatic duplexer for two-sided printing
- Two-bin staple finisher for stapling, job separation, and offset stacking (top left)

PAPER INPUT

- 500-sheet lower input feeder (add up to two)
- 1,600-sheet maximum input capacity
- Caster-based printer cabinet for storage of media and supplies

Model Comparison

	magicolor 5550	magicolor 5570
Speed-Color	27 ppm	31 ppm
Speed-B&W	31 ppm	37 ppm
Processor	733 MHz	866 MHz

Productivity Features

Boost your office productivity.

- Easy to use and desktop-friendly, the magicolor 5500 Series printers are up and running in minutes with pre-installed supplies and auto-run software that automatically detects the printer on the network and guides the customer through setup.
- Camera direct photo printing delivers photos on glossy photo stock up to 8.5" x 11", including standard 4" x 6" media, without a computer or special software.
- Direct-print PDF, JPEG, and TIFF files from a USB flash drive without a computer or special software when an optional compact flash card or hard disk is installed.
- The USB 1.1 Host Port used for camera direct and USB flash drive direct printing is conveniently located on the side of the printer control panel. The system administrator can easily lock the port so only approved staff members have access.
- An optional compact flash card or hard disk also provides additional storage for fonts, forms, and color profiles; electronic collation; direct PDF, JPEG, and TIFF printing; job accounting; and secure printing functions.





magicolor 5550/5570 – Technical

Printing Process

Print Method: Electrophotographic laser

Print Speed*:

Color: Up to 27 ppm (magicolor 5550); up to 31.7 ppm (magicolor 5570)

Monochrome: Up to 31.7 ppm (magicolor 5550); up to 37 ppm (magicolor 5570)

First-Page-Output Time*:

Color: 14.2 seconds (magicolor 5550); 14 seconds (magicolor 5570)

Monochrome: 14 seconds (magicolor 5550); 14 seconds (magicolor 5570)

Resolution: 9600 x 600 dpi-class with Photo ART

Recommended Duty Cycle: Up to 120,000 prints/month

Hardware and Software Capabilities

Processor Type: Freescale® PowerPC® MPC7448 (733 MHz—magicolor 5550; 866 MHz—magicolor 5570)

Memory: 256 MB DDR SDRAM, upgradable to 1024 MB (two slots, one open) using 184-pin, 266/333 MHz, PC-2100/2700 DIMMS

Internal Hard Disk (optional): For downloaded fonts, forms, and color profiles; electronic collation; job accounting; direct PDF, JPEG, and TIFF printing; Proof then Print, Secured Job, Print & Hold, and Stored Job functions (40 GB)

Compact Flash Card (optional): For downloaded fonts, forms, and color profiles; electronic collation; job accounting; direct PDF, JPEG, and TIFF printing (256 MB, 512 MB, 1GB, 2 GB, 4 GB)

Operating System Compatibility: Windows Vista/Server 2003/XP x64/XP (SP2+)/2000 (SP4+)/NT4 (SP6+)/Me/98SE; Macintosh OS X (v10.2+)/OS 9 (v9.1+); Linux Red Hat 9/SuSE 8.2

Printer Emulations: PostScript 3, PCL 6, PDF 1.5 (hard disk or compact flash card required), JPEG/TIFF Direct Print (hard disk or compact flash card required)

Camera Direct Photo Printing: PictBridge 1.0 via USB 1.1 HostPort

USB Flash Drive Direct Printing: PDF, JPEG, and TIFF via USB 1.1 Host Port (hard disk or compact flash card required)

Printer Management: PageScope Net Care; PageScope Web Connection; PageScope Network Setup; PageScope Peer-to Peer Printing Tool; PageScope EMS Plug-Ins for Tivoli Netview (2.0), CA Unicenter (2.0), HP OpenView, Microsoft Management Console (MMC); HP Web Jetadmin Plug-in; PageScope Plug and Print; PageScope NDPS Gateway; PageScope Direct Print; PageScope Data Administrator; Print Monitor; Status Monitor; Download Manager
Color Support: Enhanced Automatic Image Density Control (eAIDC); ICC device profiles; Automatic ICC-based color matching; Dynamic Contone Screening; SWOP, Commercial, EuroColor, DIC, and TOYO press emulations

Interface Support

Standard: Gigabit Ethernet (10/100/1000BaseTX); IEEE 1284 Parallel; USB 2.0 (supports Microsoft 'Plug and Play'); USB 1.1 Host Port (for Camera Direct Photo Printing and USB Flash Drive Direct Printing)

Ethernet Protocols: TCP/IP, EtherTalk, IPX/SPX (NetWare 4/5/6), NDS Bindery, NDPS, NetBEUI, UDP, HTTP, HTTPS, IPP1.1, SNMP, LPD, FTP, DHCP, BootP, ARP, Auto IP, Ping/ARP, SMTP, SLP, TCP/IP socket, Bonjour

Paper Handling

Standard Paper Input: 500-sheet cassette, 100-sheet multipurpose tray

Optional Paper Input: 500-sheet lower feeder unit (add up to 2)

Standard Paper Output: 250-sheet face-down output tray

Optional Paper Output: 2-bin (100 sheets and 500 sheets) staple finisher

Optional Automatic Duplexer: For two-sided printing

Duplex Printing: Manual** (automatic optional)

Paper Sizes Supported:

500-sheet Standard Cassette: Letter, A4

Multipurpose Tray: Letter, A4, Legal, Executive, Statement, Folio, SP Folio, Foolscap, UK Quarto, Govt. Letter, Govt. Legal, Photo 4x6, A6, A5, B5 (JIS), B6, Kai 16, Kai 32, 16K; Japanese Postcard, Double Postcard; Monarch, Com 10, DL, B5 (ISO), C5, C6, You 0, You 2, You 4, You 6, Chou 3, and Chou 4 Envelopes; Custom sizes (W) 3.62" - 8.5" (92 - 216 mm), (L) 5.83" - 47.24" (148 - 1200 mm)

Lower Input Feeder (optional): Letter, A4, Legal, Executive, Govt. Legal, B5 (JIS)

Duplexer (optional): Letter, A4, Legal, Executive, Statement, Folio, SP Folio, Foolscap, UK Quarto, Govt. Letter, Govt. Legal, A5, B5 (JIS), Kai 16, 16K

Printable Area: 0.16" (4 mm) from all edges; 46.7" (1186 mm) maximum print length

Paper Weights:

Plain paper: 16 - 24 lb. Bond (60 - 90 g/m²)

Thick stock: Up to 110 lb. Index (91 - 210 g/m²) - via multipurpose tray only

Duplexing: 16 - 24 lb. Bond (60 - 90 g/m²)

Print Media: Plain paper, letterhead, thick stock, glossy stock, photo stock, transparencies, laser-quality labels, envelopes, and postcards; automatic duplexing on plain paper only

Physical

Type: Laser printer with internal controller

Dimensions (WxDxH): 16.5" x 20.7" x 17.3" (420 x 526 x 440 mm)

Weight: w/o consumables: 73.5 lbs. (33.4 kg); w/ consumables: 81.4 lbs. (37 kg); as shipped: 96.8 lbs. (44 kg)

Electrical

Power Requirements:

120V Model: 120 VAC ± 10%; 50/60 Hz ± 3%

220/240V Model: 220/240 VAC ± 10%, 50/60 Hz ± 3%

Power Consumption: Operating: 750 W average, 1,450 W maximum

Standby: 250 W average

Energy Star* Compliant:** 20 Wh or less

Environmental

Temperature Requirements: Operating: 50° to 95° F (10° to 35° C)

Non-operating: 32° to 95° F (0° to 35° C)

Humidity: Operating: 15% to 85% RH

Non-operating: 30% to 85% RH

Noise Levels: Operating: ≤56 dB(A); Standby: ≤39 dB(A)

Regulatory/Safety Conformity

UL, cUL, CSA, FCC-B, CDRH, DOC, SASO, RPC

Consumables****

In-Box: Printer ships with one each Cyan, Magenta, Yellow, and Black Toner Cartridges (yield up to 3,000 letter/A4 pages @ 5% coverage); one each Cyan, Magenta, Yellow, and Black Imaging Units (yield up to 30,000 letter/A4 pages at 5% coverage); Transfer Belt; Transfer Roller; Waste Toner Box

Replacement: Cyan, Magenta, Yellow, and Black Toner Cartridges (yield up to 6,000 or 12,000 letter/A4 pages @ 5% coverage); Cyan, Magenta, Yellow, and Black Imaging Units (yield up to 30,000 letter/A4 pages at 5% coverage); Transfer Belt; Transfer Roller; Waste Toner Box

Typefaces

137 resident PostScript fonts, 93 PCL fonts, and 10 line printer fonts

Warranty

1-year exchange

* Exact print speeds differ depending on system configuration, software application, driver, and document complexity. First-page-output time is measured from an idle, ready state.

** Application software support requires for page reordering.

*** The addition of some options, in some combinations, may cause the product to become non-compliant. Energy Star compliance does not represent an EPA endorsement of any product or service.

**** The stated life expectancy of each consumable in your printer is based on printing under specific operating conditions such as page coverage for a particular page size (5% coverage of letter/A4). The actual consumable's life will vary depending on the use and other printing variables including page coverage, page size, media type, continuous or intermittent printing, ambient temperature, and humidity.



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