Specifications

KONICA MINOLTA

Print process
Print method: Electrophotographic Laser
Print speed: 24 ppm (colour/mono) (A4), 25 ppm (colour/mono) (Letter)
First page out: 14.5 seconds (colour/mono)
Warm-up time: 35 seconds or less
Max. resolution: PhotoART-9600™ (600 x 600 x 4-bit contone)
Duty cycle: 90,000 pages per month

Hardware and software capabilities
Processor Type: 500 MHz
Memory: 256 MB (Upgradeable to 768 MB)
Printer emulations: PostScript 3, PCL 6, XPS Direct Print[7], PDF 1.6 Direct Print[8], JPEG/TIFF Direct Print[8]
Direct print: PDF (version 1.6), JPEG, TIFF (HDD[3] or CF card2 required)
Printer management: PageScope® NetCare, PageScope® Web Connection, PageScope® Network setup, PageScope® Peer to Peer Printing Tool, PageScope® EMS plug-in, PageScope® Web Jet Admin plug-in, PageScope® Plug and Print, PageScope® NDPS Gateway, PageScope® Direct Print, PageScope® Visual Count Server, PageScope® Visual Count Master, PageScope® Data Administrator, Download manager and Status monitor.
Colour simulations: SWOP, Commercial Press, Eurocolor, DIC, TOYO
CF card[1] slot: optional
Hard disk kit (HDD)[3]: optional (40GB)

Fonts
137 standard PostScript® fonts, 93 PCL® scalable fonts, 51 symbol sets and 10 standard line printer fonts

Interface support
Gigabit Ethernet (10/100/1000BaseTX), IEEE 1284 Parallel, USB 2.0, USB 1.1 Host Port
Ethernet protocols: TCP/IP (IPv4/IPv6, IPsec, SSL, IEEE802.1x), AppleTalk / EtherTalk, IPX/SPX (Netware 4/5/6), NDS Bindery, NDPS, ARP, Ping, Bonjour, DHCP, AutoIP, BOOTP, FTP, HTTP, HTTPS, IPP1.1, LPR/LPD, NetBEUI, SMB, RAW Socket, SMTP, SNMP (v1/2/3), SNTP, SLP, UDP, WSD

Operating system compatibility
Windows®: Vista™ (32/64-bit), Server 2003 (32/64-bit), XP (32/64-bit), 2000
Macintosh®: OS X 10.2+, (Intel) 10.4+
Linux®: RedHat v9.0, SuSe v8.2
Netware®: Netware 4/5/6

Paper handling
Standard paper input: 250-sheet, 100-sheet manual feed tray
Standard paper output: 200-sheet face-down output tray
Optional paper handling: 500-sheet A4 lower paper feeder
Media sizes supported: A4, A5, A6, B5, B5 (ISO), B6, letter, legal, 16K, Kai16, Kai32, J-Postcard, executive, Government letter/legal, folio, double postcard, statement, UK Quarto, foolscap, custom (92-216 mm x 148-356 mm)
Envelope sizes supported: Com10, C5, C6, DL, Monarch
Duplexer[4] sizes supported: A4, only with magicolor 4650DN
Printable area: 4 mm from all edges
Paper weights: Plain paper (60-90 gsm) and recycled paper (60-90 gsm), thick stock (91-210 gsm) - via multipurpose tray only, duplexing[4] (60-90 gsm)
Print media: Plain paper, thick paper, recycled paper, transparency, letterhead, envelope, labels, postcard and glossy paper

Electrical
Input voltage range: 220 V ~ 240 V (± 10 %)
Frequency: 50 ~ 60 Hz (± 3 Hz)
Power consumption: 1200 W or less, average during printing 550 W or less, standby 140 W or less, energy save 16 W or less (New Energy Star[5] supports magicolor 4650DN only)

Physical
Dimensions: (D) 536 mm x (W) 469 mm x (H) 385 mm
Weight: 34.5 kg with consumables installed, 42 kg packaged to ship

Environmental
Temperature: 10 °C ~ 35 °C (operating), 0° to 35° C (non-operating)
Humidity: 15 % to 85 % RH (operating), 30% to 85% RH (non-operating)
Noise levels: 52 dB or less (A) (operating), 39 dB or less (A) (standby)

Regulatory/Safety conformity
UL, cUL, FCC-B, DOC, VCCI, CE Marking, C-Tick, CDRH, WEEE, RoHS, CSA

Options
magicolor 4600 Lower Feeder Unit	A00T0Y1
magicolor 4600 CF Adaptor	A08D0W2
magicolor 4600 / magicolor 5500 Hard Disk Drive (40GB)	A08D0W1

Consumables[6]
magicolor 4600 Black Toner Cartridge (Sold in SEA only)	4,000 pages	A0DK191
magicolor 4600 Yellow Toner Cartridge (Sold in SEA only)	4,000 pages	A0DK291
magicolor 4600 Magenta Toner Cartridge (Sold in SEA only)	4,000 pages	A0DK391
magicolor 4600 Cyan Toner Cartridge (Sold in SEA only)	4,000 pages	A0DK491
magicolor 4600 CMY Toner Value Pack (Sold in SEA only)	4,000 pages	A0DKJ91
magicolor 4600 Black Toner Cartridge	8,000 pages	A0DK192
magicolor 4600 Yellow Toner Cartridge	8,000 pages	A0DK292
magicolor 4600 Magenta Toner Cartridge	8,000 pages	A0DK392
magicolor 4600 Cyan Toner Cartridge	8,000 pages	A0DK492
magicolor 4600 CMY Toner Value Pack	8,000 pages	A0DKJ92
magicolor 4600 Waste Toner Pack - 2 WTB per box	2 x 36,000 pages	A06X0Y0
magicolor 4600 / 5500 Black Print Unit	30,000 pages	A03100K
magicolor 4600 / 5500 Yellow Print Unit	30,000 pages	A03105K
magicolor 4600 / 5500 Magenta Print Unit	30,000 pages	A0310AK
magicolor 4600 / 5500 Cyan Print Unit	30,000 pages	A0310GK
magicolor 4600 / 5500 Print Unit Value Pack CMY	30,000 pages	A0310NK

Pre-installed:
Cyan, Magenta, Yellow and Black toner – yield up to 3,000 pages
Cyan, Magenta, Yellow and Black print unit – yield up to 30,000 pages
Waste toner bottle – yield up to 36,000 pages (monochrome) or 9,000 pages (colour)

Warranty period and conditions[2]
1 year on-site warranty (within AP; local law applies)
An optional increase of one or two years warranty, (total two or three years) is available.
Extra One Year Onsite	2604600-600
Extra Two Year Onsite	2604600-700

[1] CF card enables storing fonts/forms/overlays/colour-profiles, direct printing (PDF, TIFF and JPEG), Collating, Job Accounting, User/Department certification and optional staple finisher support. More than 1GB CF card is required for Collating and staple finisher support. Requires Compact Flash Card adapter. Cannot be installed at the same time as Hard Drive option.

[2] For Singapore product warranty, please contact your reseller or Singapore Office.

[3] Optional hard disk kit or CF card kit[1] enables Secure printing, Proof-then-Print, Print & Hold and Job storing.

[4] Duplexer supports plain paper only.

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

[6] The stated life expectancy of each consumable in the printer is based on printing under specific operating conditions such as page coverage for a particular page size (5 % coverage of A4). The actual consumables 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.

[7] Requires optional Hard Drive[3]

[8] Requires optional Hard Drive[3] or Compact Flash Card[1]

KONICA MINOLTA

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magicolor
4650 EN / 4650 DN

High Speed Network Graphic

Basic Features

Direct Photo Print[1]
■ Host USB (PictBridge 1.0 & USB drive printing)

Speed
■ Print speed A4: 24 ppm (colour / mono)
■ First page out: 13 secs (colour / mono)
■ Warm-up time: 35 secs
■ Gigabit Ethernet

Graphic Power
■ Resolution: Photo ART-9600™
■ Offset simulations: SWOP, Commercial Press, Eurocolor, DIC, TOYO

Operating System
■ Windows® Vista™ (32/64-bit) / Server 2003 (32/64-bit) / XP (32/64-bit) / 2000, Mac® OS X 10.2+ / (Intel) 10.4+, Linux®, Novell®

Warranty[2]
■ 1-year on-site warranty

The essentials of imaging

Modern design meets efficiency in the magicolor® 4650 series. These stylish printers deliver eye-catching documents at top speeds without sacrificing quality. At 24 pages per minute and impressive 9600 x 600 dpi-class contone colour, the magicolor 4650EN and magicolor 4650DN produce professional, high-quality prints in a flash. And these quiet powerhouses won't disturb your office. Even while duplexing, the magicolor 4650DN keeps noise levels at a minimum so your productivity levels can be maximized. Time saving print options and user friendly design make the magicolor 4650 series the perfect complement to any productive workgroup.

POWER & VIVID VERSATILITY

Sleek, productive package. The magicolor 4650 series features the equipment every workgroup needs to captivate audiences and remain competitive.
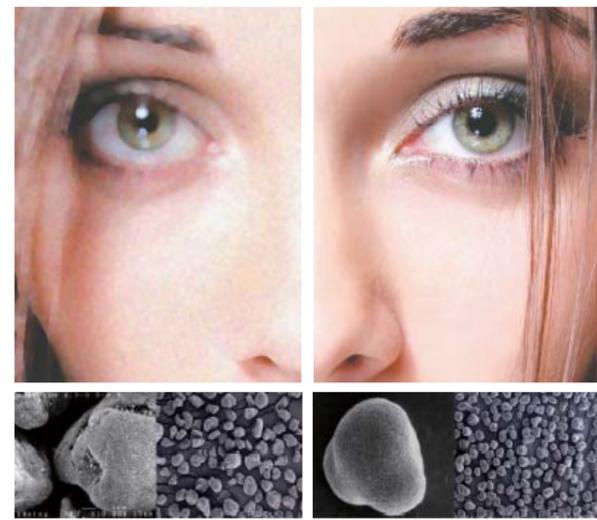
Attention-demanding, colour laser. Equipped with 9600 x 600 dpi-class contone colour, the magicolor 4650 series produces eye-catching, bold graphics and crisp text project after project at 24 ppm for colour and B/W.

Countless options for complete customization. Options, including a 40 GB hard drive, expandable memory and an additional input tray, offer users endless possibilities for personalization.

SIMITRI™ HD - PRINT QUALITY & DURABILITY THAT RIVALS OFFSET PRINTING

Simitri HD
High Definition Polymerized Toner

The magicolor® 4650 series utilises the revolutionary technology of Simitri™ HD, the next-generation, high definition polymerised toner to deliver unsurpassed print quality and durability. Printing at Photo ART-9600™ (600 x 600 dpi x 4-bit) varies the colours of individual pixels to a much greater degree than usual, providing outstanding printing precision, enhanced picture detail and smooth colour gradations. Commercial material will last longer due to its increased resistance to withstand UV light and peeling that can occur when documents are folded.

CONVENTIONAL TONER   SIMITRI POLYMERISED TONER

ECONOMICAL CONVENIENCE

Save time and paper. The magicolor 4650DN comes equipped with an internal, automatic duplexer. Two-sided printing delivers high-impact documents while using 50% less paper. It also utilizes an enhanced paper crossing system that allows the printer to maintain 100% productivity while producing two-sided documents.

VERSATILE HANDLING. FOR BIG PROJECTS, THE MAGICOLOR 4650 SERIES CAN BE EQUIPPED WITH AN 500-SHEET CASSETTE FOR A MAX INPUT OF 850 SHEETS. THE MAGICOLOR 4650DN HAS A BUILT-IN AUTO DUPLEXER THAT EASILY HANDLES YOUR COLOURFUL BOOKLETS AND MULTI-PAGE FILES.

SUPERB QUALITY. THE MAGICOLOR 4650 SPECS INCLUDE HIGH RESOLUTION AND A DEPENDABLE DUTY CYCLE OF 90,000 PRINTS PER MONTH. TRANSLATION: HIGH QUALITY YOU CAN RELY ON, FROM THE FIRST PAGE TO THE LAST.

SLEEK, NEW DESIGN. A LOWER HEIGHT OF 385 MM AND STYLISH MODERN DESIGN MAKE THE MAGICOLOR 4650 SERIES THE PERFECT COMBINATION OF STYLE AND FUNCTIONALITY.

POWERFUL PAGESCOPE™ SOFTWARE. PAGESCOPE WEB CONNECTION FOR WEBBASED DEVICE MANAGEMENT, PAGESCOPE NET CARE FOR REMOTE CONFIGURATION OF MIB-COMPLIANT PRINTERS, DESKTOP STATUS MONITOR FOR PRINT STATUS REVIEW AND ERROR ALERTS.

REDUCED NOISE LEVELS. LOWER ACOUSTIC LEVELS ALLOW YOUR WORKGROUP TO CARRY ON BUSINESS AS USUAL WHILE MAINTAINING AN ULTRA-FAST PRINT TIME TO KEEP YOUR TASKS ON TRACK.

Helvetica 24

24 PPM   24 PPM

EDGE ENHANCEMENT. GET NOTICED BY USING THE EDGE ENHANCEMENT FUNCTION. EVEN SMALL FONT SIZES HAVE CLEAR AND CRISP CHARACTERS SO YOUR DOCUMENTS RECEIVE THE ATTENTION THEY DESERVE.

FEATURES, OPTIONS & BENEFITS

Powered by Emperon. Equipped with Emperon technology and 500 MHz processor, the magicolor 4650 series boasts a first-page output time of 14.5 seconds. And it quickly delivers 24 pages per minute in colour and B/W.

Time-saving direct print options[2]. The magicolor 4650 series allows users to print XPS, PDF, JPEG and TIFF files directly from a USB flash drive, or drag and drop the files for print using PageScope Direct Print.

Quiet workhorse. The magicolor 4650 series features a low acoustic noise level so it will never disturb your workflow. When producing bold, two-sided documents the magicolor 4650DN remains quiet while delivering high throughput.

Stylish, ergonomical design. With a height of only 385 mm, the magicolor 4650 series seamlessly fits into any workgroup. And its simple control panel design allows users to quickly navigate through the intuitive menu with total ease. The series is also equipped with InfoLine-style display for at-a-glance printer status up close or from a distance.

Robust and reliable. This dependable dynamo effortlessly tackles high-volume printing. With a monthly duty cycle of 90,000 prints, this efficient office assistant won't disappoint.

Contone colour technology. The magicolor 4650 series boasts 9600 x 600 dpi-class colour and eAIDC automatic colour calibration which insures consistent, incredible output every time. PhotoArt contone technology delivers crisp detail, smooth gradients and accurate colours. And while utilizing the toner save mode, users can conserve toner usage—up to 60%, while maintaining text quality.

Buy with confidence. The magicolor 4650 series is backed by a one-year on-site warranty with options to extend warranty life[2] and online technical support for complete peace of mind.

Flexible interfaces. A Gigabit Ethernet interface offers high-speed network printing for any size workgroups. Users can also connect via USB 2.0 and parallel ports for effortless local operation.