



KONICA MINOLTA

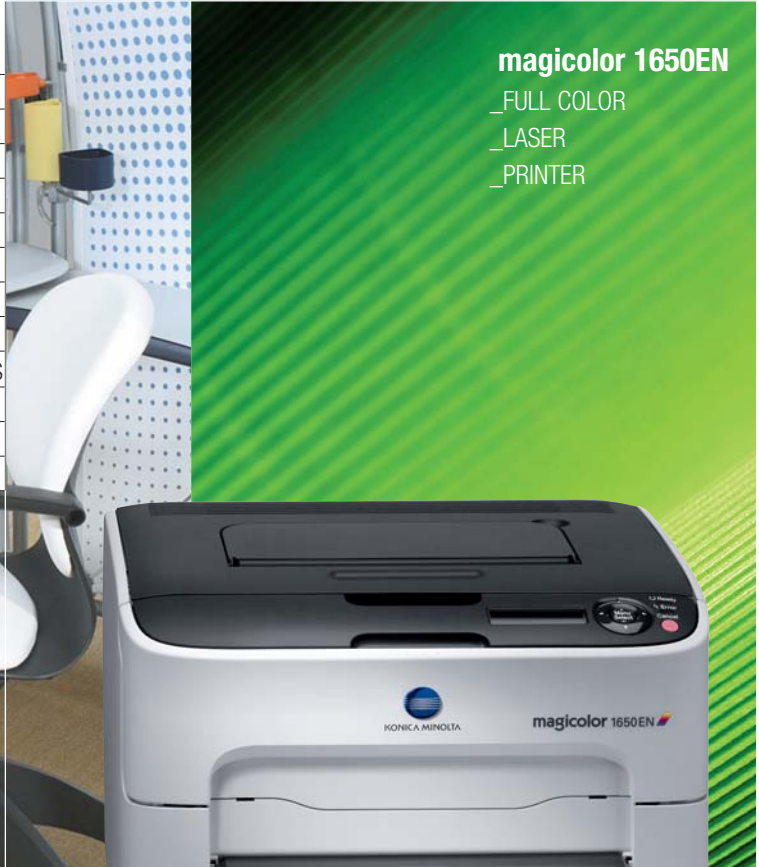
### SMALL SIZE. BIG PERFORMANCE.

Just 15.6" x 15" in size, the magicolor® 1650EN uses the smallest work space of any color laser printer. And its size is accompanied by an equally small price. Yet this printer packs in features that give small work teams and offices plus-size productivity. An Emperon® controller delivers PostScript® 3 and PCL® 6 support to a mixed-network of Windows®, Mac® and Linux® users via a fast 10/100BaseTX Ethernet interface. The magicolor 1650EN uses Simitri® Polymerized toner and 9600 x 600 dpi-class color to produce prints that are rich and laser sharp. With a sleek design that complements any office style, this space saver has a 200-sheet fold-up input tray and easy front-access entry point to add paper and change supplies. Able to print up to 35,000 prints per month, you can maximize productivity with this mini-size printer.

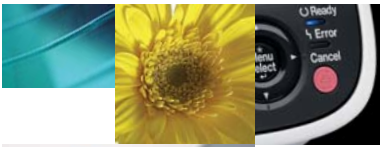


## magicolor 1650EN

- ▶ ULTRA COMPACT & LIGHTWEIGHT—JUST 15.6" X 15" AND 33.3 LB.
- ▶ FULL-COLOR PRINTS AT 5 PPM, B&W AT A QUICK 20 PPM
- ▶ EMPERON PRINT SYSTEM; POSTSCRIPT 3 AND PCL 6 FOR SEAMLESS OPERATION
- ▶ NETWORK OR LOCAL CONNECT WITH ETHERNET (10/100BASETX) AND USB 2.0
- ▶ SERVES MIXED NETWORK OF WINDOWS, MACINTOSH AND LINUX USERS
- ▶ 9600 X 600 DPI-CLASS PHOTOART CONTONE QUALITY WITH SIMITRI TONER
- ▶ 200-SHEET FOLD-UP INPUT TRAY WITH MEDIA DUST COVER
- ▶ 500-SHEET FEEDER AND AUTOMATIC DUPLEX PRODUCTIVITY OPTIONS
- ▶ PAGESCOPE® UTILITIES FOR EASY MANAGEMENT BY ADMINISTRATORS AND USERS
- ▶ LOW PURCHASE PRICE AND AFFORDABLE COST PER PRINT
- ▶ EASY SETUP WITH PRE-INSTALLED SUPPLIES AND AUTO-INSTALL SOFTWARE
- ▶ ROBUST 35,000 PRINT MONTHLY DUTY CYCLE; 1-YEAR WARRANTY



The essentials of imaging



# magicolor 1650EN

## GENERAL SPECIFICATIONS

### PRINTING PROCESS

**PRINT METHOD:**  
Electrophotographic Laser, 4-Cycle Print System

### PRINT SPEED\*:

Monochrome: 20 ppm  
Color: 5 ppm  
\*Exact print speed differs depending on system configuration, software application, driver and document complexity.

### WARM-UP TIME:

45 seconds

### FIRST-PAGE OUTPUT TIME:

Monochrome: 13 seconds  
Color: 22 seconds

### RESOLUTION:

9600 x 600 dpi-class

### MONTHLY DUTY CYCLE:

Maximum: 35,000 prints

### HARDWARE AND SOFTWARE CAPABILITIES

#### PROCESSOR:

400 MHz Zoron Quatro 4230

#### MEMORY:

256 MB

#### OPERATING SYSTEM COMPATIBILITY:

Windows Vista  
Windows Vista x64  
Windows XP  
Windows XP x64  
Windows Server 2008  
Windows Server 2008 x64  
Windows Server 2003  
Windows Server 2003 x64  
Windows 2000  
Macintosh OS X (v10.2+)  
Linux Red Hat 9  
Linux SuSE 8.2

#### PRINTER EMULATIONS:

PostScript 3  
PCL 6

#### PRINTER MANAGEMENT:

PageScope Net Care Device Manager  
PageScope Web Connection  
PageScope Network Setup  
PageScope EMS Plug-ins  
Tivoli NetView (2.0)  
CA Unicenter 2.0  
HP OpenView  
Microsoft Management Console (MMC)  
PageScope Plug and Print  
PageScope NDPS Gateway  
PageScope Direct Print  
Status Monitor

#### COLOR SUPPORT:

ICC device profiles  
Automatic ICC-based color matching  
Dynamic Contone Screening  
SWOP, Commercial, EuroColor, DIC, and TOYO press emulations

#### INTERFACE SUPPORT

Ethernet (10/100BaseTX)  
USB 2.0

#### PROTOCOLS:

TCP/IP (IPsec, SSL, IEEE802.1x)  
IPX/SPX (NetWare 4/5/6), NDS Bindery, NDPS  
ARP, Ping  
DHCP, AutoIP, BOOTP  
FTP  
HTTP, HTTPS  
IPP1.1  
LPD  
NetBEUI, NetBIOS  
SLP  
SMB  
SMTP  
SNMP  
TCP/IP socket  
Telnet  
UPnP 2.0

### PAPER HANDLING

**STANDARD PAPER INPUT:**  
200-sheet multipurpose tray\*  
\*Includes dust cover

### OPTIONAL PAPER INPUT:

500-sheet lower feeder unit

### STANDARD PAPER OUTPUT:

100-sheet face-down output tray

### OPTIONAL AUTOMATIC DUPLEXER:

For two-sided printing

### PAPER SIZES SUPPORTED\*:

200-sheet multipurpose tray (standard):

Letter  
Legal  
Executive  
Folio  
Govt. Letter  
Govt. Legal  
Letter Plus  
Statement  
A4, A5, A6, B5, B6  
Custom sizes (plain paper):  
(W) 3.6"-8.5" to (L) 7.67"-14"  
(W) 89-216 mm to (L) 194-356 mm  
Custom sizes (thick stock):  
(W) 3.6"-8.5" to (L) 7.24"-11.69"  
(W) 89-216 mm to (L) 184-297 mm  
Envelopes: B5 (ISO), DL, C6  
500-sheet lower feeder unit (optional):  
Letter or A4

### Duplexer

Letter, A4

\*See Konica Minolta Media Guide for more information

### PRINTABLE AREA:

0.16" (4.2 mm) from all edges  
0.63" (16 mm) from bottom margin of legal pages when printing color

### PAPER WEIGHTS:

Plain paper: 16-24 lb. Bond (60-90 g/m<sup>2</sup>)  
Thick Stock: Up to 110 lb. Index (209 g/m<sup>2</sup>)

### PRINT MEDIA:

Plain Paper  
Letterhead  
Recycled Paper  
Thick Stock  
Laser Quality Labels  
Envelopes  
Postcards

### ELECTRICAL

**TYPE:**  
Laser printer, 4-cycle

### DIMENSIONS (WXDXH):

15.6" x 15.0" x 10.9" (396 x 380 x 275 mm)

### WEIGHT:

29 lb. (13 kg) - w/o consumables  
33 lb. (15.1 kg) - w/ consumables  
42.3 lb. (19.2 kg) - as shipped

### ELECTRICAL

#### POWER REQUIREMENTS:

120 VAC, 50/60 Hz  
220/240 VAC, 50/60 Hz

#### POWER CONSUMPTION:

Operating:  
1,100 W max.  
600 W or less B&W  
450 W or less color  
Standby: 250 W or less  
Energy Saver: 15 W or less

### ENVIRONMENTAL

#### TEMPERATURE REQUIREMENTS:

Operating: 50° to 95° F (10° to 35° C)  
Non-Operating: 0° to 95° F (0° to 35° C)

#### HUMIDITY:

Operating: 15% to 85% RH  
Non-Operating: 30% to 85% RH

### NOISE LEVELS:

Operating: ≤52 dB(A)  
Standby: ≤32 dB(A)

### REGULATORY/SAFETY CONFORMITY:

UL, cUL, CSA, FCC-B, CDRH, Energy Star

### CONSUMABLES\*:

In-Box Toner- Cyan, Magenta, Yellow (yield up to 500 pages @ 5% coverage); Black (yields up to 1,000 pages @ 5% coverage)  
Replacement Toner- Cyan, Magenta, Yellow (yield up to 1,500 or 2,500 pages @ 5% coverage); Black (yields up to 2,500 pages @ 5% coverage)  
Drum Cartridge- Includes OPC Drum and Waste Toner Box (yields up to 45,000 B&W/11,250 color pages - continuous printing)

\*The stated life expectancy of each consumable 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, and ambient temperature and humidity.

### TYPEFACES:

144 resident PostScript fonts  
93 PCL fonts

### WARRANTY:

1-year

### SMALLEST WORKSPACE.

THE 1650EN OFFERS THE SMALLEST WORKSPACE WHEN COMPARED TO OTHER COLOR LASER PRINTERS. COMPETITIVE MODELS REQUIRE SPACE FOR PULLING OUT THE PAPER INPUT TRAY, SIDE AIR FLOW VENTILATION OR FOR PAPER JAM ACCESS AT THE REAR OF THE PRINTER.



20 PPM 5 PPM

### OUR CONCERN FOR ENVIRONMENTAL PROTECTION.

AS AN ENERGY STAR PARTNER, WE HAVE DETERMINED THAT THE MAGICOLOR 1650EN MEETS THE ENERGY STAR GUIDELINES FOR ENERGY EFFICIENCY. AN ENERGY STAR PRODUCT USES ENERGY MORE EFFICIENTLY, SAVES YOU MONEY ON UTILITY BILLS AND HELPS PROTECT THE ENVIRONMENT.



SIMITRI HD POLYMERIZED



PULVERIZED

### SIMITRI HD TONER.

SIMITRI HD POLYMERIZED TONER PRODUCES EXCEPTIONAL OUTPUT. ITS PARTICLES ARE SMALLER AND MORE UNIFORM IN SIZE AND SHAPE THAN CONVENTIONAL PULVERIZED TONER, PROVIDING SMOOTHER, MORE NATURAL IMAGES; RICHER GRADATION AND SHARPER TEXT.

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