



KONICA MINOLTA

The essentials of imaging



# magicolor 1600W

Student and **home office** A4 colour laser printer

The magicolor 1600W A4 colour laser printer is the perfect choice for students or the home office. Reliable and durable, it also brings the benefit of low colour printing costs. With a chic design and compact build, the magicolor 1600W is an attractive addition to your workspace – however small that is. Thanks to its low acoustic noise it is comfortable to work with. Easy to use, flexible and eco-friendly, the magicolor 1600W has so much to offer that you will soon wonder how you ever managed without it.

- **Quiet and compact** – Its tiny footprint and compact size make the magicolor 1600W perfect for small spaces and ideal for your home office. Its quiet operation turns it into a comfortable desktop device. As a GDI printer the magicolor 1600W delivers five colour or 20 black and white pages per minute, features 16 MB memory and is fully compatible with the Windows environment.
- **Superb quality** – With its resolution of up to 1200 x 600 dpi, the magicolor 1600W gives you superior colour and black and white prints and always delivers perfect results. The high-quality Simitri® HD toner enhances the overall print quality by delivering vivid colours and fine lines in even the tiniest detail. Another benefit of Simitri® HD toner is its increased resistance to UV light, producing prints that are impressively long-lasting. With the magicolor 1600W you will enjoy quality prints and low printing costs.
- **Media flexibility** – Save time and money by producing all your documents in-house on the magicolor 1600W – including photos, stationery, envelopes, business cards and colourful presentations. Create special effects with the **poster function**, enlarging images onto 4, 9, 16 or even 25 A4-sheets and **downsize documents** by combining up to 16 pages on a single sheet. The magicolor 1600W's flexible paper handling can process sizes A5 and A4, and paper weights between 60 and 209 gsm as well as a wide range of special media, including recycled paper, postcards, labels, envelopes, business cards and thick paper.
- **Ease of use** – All you need to do to start printing is take the magicolor 1600W out of its box and plug it in – it is literally as simple as that. Operation is easy and intuitive via the clearly arranged operator panel with LED display and the self-explanatory buttons. The magicolor 1600W is conveniently accessed from the front so that exchanging consumables is simple and straightforward.



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**Simitri HD**  
High Definition Polymerised Toner



## Technical specifications

### Print process

**Print method**  
Desktop full colour A4 laser printer  
**Print speed**  
Up to 20 ppm monochrome  
Up to 5 ppm colour  
**First page out**  
11 seconds monochrome  
20 seconds colour  
**Warm-up time**  
Average 30 seconds  
**Max. resolution**  
1,200 x 600 dpi x 1 bit

### Hardware and software capabilities

**Memory**  
16 MB standard  
**Interface support**  
USB 2.0

### Operating system compatibility

**Windows**  
2000, Server 2003 (32/64), XP (32/64), Vista (32/64)

### Paper handling

**Standard paper input**  
200 sheet multi manual tray

### Standard paper output

100 sheet face down output tray

**Printable area**  
Approx. 4 mm from all edges

**Media sizes supported**  
A4, A5, letter, legal, envelope C6, envelope DL, B5, custom size 92–216 x 184–356 mm

### Paper weights

Plain paper (60–90 gsm)  
Recycled paper (60–90 gsm)  
Thick paper 1 (91–163 gsm)  
Thick paper 2 (164–209 gsm)

### Print media

Plain paper, recycled paper, envelope, labels, postcard, thick paper, letterhead

### Physical

**Dimensions (W x D x H mm)**  
396 mm x 380 mm x 275 mm

**Weight**  
15.1 kg with consumables

### Electrical

**Input voltage range**  
220 ~ 240 V (± 10 %)

**Frequency**  
50 ~ 60 Hz (± 3 %)

### Power consumption

400 W or less  
(average colour printing)  
440 W or less  
(average monochrome printing)  
140 W or less  
(stand by)  
14 W or less  
(energy save mode)

### Environmental

**Temperature**  
10 ~ 35 °C

**Humidity**  
15 ~ 85 % RH

**Noise levels**  
49 dB or less operating colour  
50 dB or less operating monochrome  
29 dB or less stand by

### Regulatory/Safety conformity

Doc, CE Marking, GS, EMC, WEEE, EcoMark

### Consumables

#### Pre-installed

Toner:  
Cyan, magenta, yellow and black toner yield up to 500 pages  
Imaging unit  
(waste toner bottle included):  
Black yield up to 45,000 pages  
Cyan, magenta and yellow yield up to 11,250 pages

### Replacements

Toner:  
Standard: Cyan, magenta and yellow toner yield up to 1,500 pages  
High capacity: Cyan, magenta, yellow and black toner yield up to 2,500 pages  
Imaging unit  
(waste toner bottle included):  
Black yield up to 45,000 pages  
Cyan, magenta and yellow yield up to 11,250 pages

### Maintenance parts

**Fuser unit**  
Yield up to 50,000 sheets

**2nd transfer unit**  
Yield up to 50,000 sheets

### Warranty period and conditions

1 year on-site warranty (within EU; local law applies)

- All specifications relating to paper capacity refer to A4-size paper of 80 gsm quality.
- All specifications relating to printing speeds refer to A4-size paper that is printed in multipage, simplex mode.
- The support and availability of the listed specifications and functionalities varies depending on operating systems, applications, network protocols as well as network and system configurations.
- The stated life expectancy of each consumable is based on 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.
- Some of the product illustrations contain optional accessories.
- Specifications and accessories are based on the information available at the time of printing, and are subject to change without notice.
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