



KONICA MINOLTA

pagepro 5650EN

DO BUSINESS BETTER



MONOCHROME
LASER
PRINTER



CONNECT_

COMMUNICATE_

CONTROL_

FASTER PRINTS. MORE DOCUMENTS. TOTAL PRODUCTIVITY.

When speed is critical and productivity a top priority, the pagepro™ 5650EN is ready for action. This workgroup laser printer is super fast, printing at 45 ppm—with a first page out in as fast as 7.9 seconds—to keep business running at top speed. It's powered by a 500 MHz processor and Konica Minolta's own Emperon™ printer architecture for total efficiency. More than fast, this printer has an 1,800-sheet maximum input capacity and huge printing potential of up to 200,000 pages per month. That's a lot of letters, invoices, flyers, reports and other documents critical to a successful operation. A smart Gigabit Ethernet interface and PageScope™ management tools are included for easy network integration. The pagepro 5650EN. Faster prints. More documents per day. Greater productivity for all.



The essentials of imaging

pagepro 5650EN

- ▶ 45 PPM FOR FAST NETWORK PRINTING
- ▶ EMPERON™ PRINT SYSTEM ENSURES VERSATILITY AND HIGH PERFORMANCE
- ▶ 128 MB RAM, OPTIONAL 40 GB HARD DRIVE FOR ADDED FUNCTIONALITY
- ▶ POSTSCRIPT 3 AND PCL 6 EMULATIONS, MULTI-PLATFORM COMPATIBLE
- ▶ DIRECT PRINT PDF, XPS, JPEG & TIFF FILES
- ▶ NATIVE XPS INTERPRETER FOR WINDOWS VISTA, INCLUDING WSD SUPPORT
- ▶ 1200 X 1200 DPI FOR CRISP TEXT, FINE LINES, AND DETAILED GRAPHICS
- ▶ GIGABIT ETHERNET, USB 2.0, AND PARALLEL INTERFACES
- ▶ PAGESCOPE SOFTWARE SUITE SIMPLIFIES NETWORK MANAGEMENT
- ▶ POSTCARD TO LEGAL PAGE SIZES, PLUS BANNER PRINTING
- ▶ HIGH-CAPACITY PAPER OPTIONS FOR WORKGROUP REQUIREMENTS
- ▶ INFOLINE-STYLE FEATURE PROVIDES AT-A-GLANCE PRINTER STATUS
- ▶ ROBUST 200,000 PAGE-PER-MONTH MAXIMUM DUTY CYCLE



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HIGH PERFORMANCE

Engineered for productivity. With a first page out in as fast as 7.9 seconds and following pages at 45 ppm, the pagepro 5650EN is designed for workteam demands. Its Emperon printer architecture and advanced 500 MHz processor keep print jobs moving efficiently. Advanced functions, such as direct print and secure print services, are supported by an optional 40 GB hard drive.

NETWORK PLAYER

Smart interface juggles mixed network traffic. The pagepro 5650EN's Gigabit Ethernet interface opens a direct line of network communication to PCs, Macs and Linux workstations, alike. Its multi-protocol support includes TCP/IP v6, IPsec and SSL for the latest in network and security standards.

Seamless printing. Support for widely-used emulations, including PCL 6, PostScript 3, PDF and XPS, means printing without a hitch. The pagepro 5650EN's comprehensive set of printer drivers empower users to direct document delivery, while PageScope™ utilities simplify setup and management easily from the desktop.

DEPENDABLE RESOURCE

Well-outfitted for high demand. Reliability is the core of the pagepro 5650EN's design. This well-constructed pagepro offers an immense duty cycle of 200,000 prints per month to serve the most demanding print environments. And it uses proven laser technology that delivers long-lasting printed documents and dependable service for years of office challenges.

DOCUMENT HANDLING VERSATILITY

Your pick of paper handling. The pagepro 5650EN's 700-sheet paper input can be maximized to a hefty 1,800 sheets, to save time restocking during large print runs. The printer features a 500-sheet output tray and a 70-sheet face-up output tray that's perfect for thick stocks and special print runs. A 500-sheet stacker/sorter unit is also available to keep multiple documents in neat order. For paper conservation, use the optional duplex unit and cut paper use in half.

FEATURES, OPTIONS & BENEFITS

Office-friendly features. The printer's keypad is easy to read and clearly communicates helpful messages. Its innovative InfoLine-style display clearly shows printer readiness at a glance. The pagepro 5650EN also has modest proportions and quiet operation to fit nicely into any professional environment.

Handles assortment of business media. Office documents come in all sizes. Postcards to legal-size paper can be used in the printer, and even banner paper up to 35.4". Try other media, too—labels, envelopes, card-stock, transparencies and other approved paper types. Load different medias in each tray for versatile document production.

Professional quality. 1200 x 1200 dpi resolution brings crisp black text, fine lines, and clear details to your documents. Graphics are rendered in rich shades, from the lightest gray to the deepest black.

Direct print files. The pagepro 5650EN has a USB 1.1 Host Port for direct printing PDF, XPS, JPEG, and TIFF files from a USB flash drive. No computer or additional software required. Or drag and drop files for print using your desktop PageScope Direct Print utility.

Advanced print duties. The printer's powerful 40 GB hard disk (optional) initiates advanced features including fonts and forms storage, secure printing, job collation, and direct print functionality. An optional Compact Flash Card also supports many of these advanced functions.

Easy setup and maintenance. For most, setup takes only a few minutes. Helpful administrative software is provided to support more complex network installations. There's just one user-replaceable consumable to install and maintain—a single all-in-one toner cartridge that slides in conveniently from the top.

Free US-based technical support. The pagepro 5650EN is a printer you can rely on, with its 1-year on-site warranty and toll-free, US-based support free for five years.

STATUS AT A GLANCE. THE FRONT PANEL LCD DISPLAYS TONER LEVELS, PRINT JOB STATUS, AND OFFLINE CONDITIONS. THE INFOLINE-STYLE DISPLAY PROVIDES A VISUAL INDICATION OF PRINTER STATUS UP CLOSE OR ACROSS THE ROOM.



MAXIMIZE INPUT. ADD UP TO 1,800 SHEETS—OF DIFFERENT SIZES AND TYPES—FOR FLEXIBLE OFFICE PRINTING. LOAD A CASSETTE WITH ENVELOPES, ANOTHER WITH LETTERHEAD, AND ANOTHER WITH PLAIN PAPER FOR ALL-PURPOSE PRODUCTION.



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

DIRECT PRINT QUICK. SEND PDF, XPS, JPEG AND TIFF FILES DIRECTLY TO THE PRINTER USING A USB FLASH DRIVE, PAGESCOPE WEB CONNECTION OR PAGESCOPE DIRECT PRINT UTILITY. ITS FAST AND CONVENIENT.



45 PPM

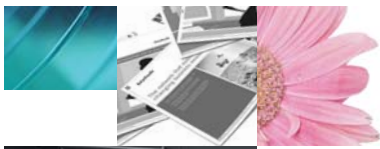
VERSATILE_OPTIONS

- 1 150-sheet multipurpose cassette supports media up to 8.5" x 35.4".
- 2 550-sheet cassette eliminates frequent paper replenishing.
- 3 70-sheet face-up output tray for thick stocks and special projects.
- 4 550-sheet cassettes (optional) add up to two for 1,800-sheet max paper input.
- 5 500-sheet stacker/sorter (optional) keeps multi-page collated documents in order.

Also Available

- ▶ Automatic duplexer for convenient, two-sided printing.





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GENERAL SPECIFICATIONS

PRINTING PROCESS

PRINT METHOD:
Electrophotographic Laser

PRINT SPEED*:
45.6 ppm
*Exact print speed differs depending on system configuration, software application, driver, and document complexity.

WARM-UP TIME:
≤20 seconds

FIRST-PAGE OUTPUT TIME:
7.9 seconds

RESOLUTION:
1200 x 1200 dpi
600 x 600 dpi

MAXIMUM MONTHLY DUTY CYCLE:
200,000 prints

HARDWARE AND SOFTWARE CAPABILITIES

PROCESSOR:
500 MHz

MEMORY:
128 MB
Upgradeable to 384 MB

HARD DISK DRIVE (optional):
40 GB

COMPACT FLASH CARD (optional):
256 MB, 512 MB, 1 GB, 2 GB, 4 GB
*Requires Compact Flash Card adapter. Cannot be installed at the same time as Hard Drive option.

OPERATING SYSTEM COMPATIBILITY:

Windows Vista
Windows Vista x64
Windows Server 2003
Windows Server 2003 x64
Windows XP
Windows XP x64
Windows 2000
Macintosh OS X (v10.2+)
Macintosh OS X (Intel 10.4+)
Linux Red Hat 9
Linux SuSE 8.2

PRINTER EMULATIONS:
PostScript 3
PCL 6
XPS Direct Print*
PDF 1.6 Direct Print**
JPEG/TIFF Direct Print**
*Requires optional Hard Drive
**Requires optional Hard Drive or Compact Flash Card

PRINTER MANAGEMENT:

PageScope Net Care
PageScope Web Connection
PageScope Network Setup
PageScope Peer-to-Peer Printing Tool
PageScope EMS Plug-ins:
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

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

PAPER HANDLING

STANDARD PAPER INPUT:
150-sheet multipurpose cassette
550-sheet cassette

OPTIONAL PAPER INPUT:
550-sheet cassettes (add up to 2)

STANDARD PAPER OUTPUT:
500-sheet face-down output tray
70-sheet face-up output tray

OPTIONAL PAPER OUTPUT:
500-sheet stacker/sorter

OPTIONAL AUTOMATIC DUPLEXER:
For two-sided printing (plain paper only)

PAPER SIZES SUPPORTED:

Letter
Legal
Executive
Folio
Govt. Letter
Govt. Legal
Statement
A4, A5, A6
B5, B6
Envelopes:* Monarch, Com 10, DL, B5 (ISO), C6
*Envelopes not supported through optional duplexer

Custom sizes:
Multipurpose cassette*:
(W) 3"-8.5" to (H) 5"-35.4"
(W) 76.2-215.9 mm to (L) 127-900 mm
*Banners in tray 1 only

All other cassettes:
(W) 3.87"-8.5" to (H) 5.83"-14"
(W) 98.4-215.9 mm to (H) 148-355.6 mm

PRINTABLE AREA:

0.17" (4.2 mm) from all edges
35.1" maximum print length

PAPER WEIGHTS:

Plain paper: 20-28 lb. Bond (68-105 g/m²)*
Thick Stock: Up to 80 lb. Cover (106-216 g/m²)*
*Simplex and duplex printing

PRINT MEDIA:

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

PHYSICAL

TYPE:
Laser printer with Emperon Print System

DIMENSIONS (WXDXH):
16.6" x 18.3" x 15.9"
(421.8 x 465.4 x 404.3 mm)

WEIGHT:
51.6 lbs. (23 kg) - w/ consumables
47.9 lbs. (22 kg) - w/o consumables
60.1 lbs. (27.3 kg) - as shipped

ELECTRICAL

POWER REQUIREMENTS:
120 VAC, 50/60 Hz
220-240 VAC, 50/60 Hz

POWER CONSUMPTION:
Operating: 910W or less, 1,240W Max.
Standby: 140W or less

ENERGY STAR COMPLIANT*:

15Wh or less
*The addition of some options, in some combinations, may cause the product to become non-compliant.

ENVIRONMENTAL

TEMPERATURE REQUIREMENTS:
Operating: 41° to 95° F (5° to 35° C)
Non-Operating: 32° to 95° F (0° to 35° C)

HUMIDITY:

Operating: 15% to 85% RH
Non-operating: 15% to 80% RH

NOISE LEVELS:

Operating: ≤56.1 dB(A)
Standby: ≤28 dB(A)

REGULATORY/SAFETY CONFORMITY:

UL
cUL
CDRH
CSA
DOC
FCC-B

CONSUMABLE*:

In-box Toner: Black (yields 6,000 prints at 5% coverage)

Replacement Toner: Black (yields 11,000 prints or 19,000 prints @ 5% coverage; declared yield value in accordance with ISO/IEC 19752)

*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, ambient temperature, and humidity.

TYPEFACES:

137 resident PostScript fonts
93 PCL fonts
10 line printer fonts

WARRANTY:

1-year on-site

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