



KONICA MINOLTA

The essentials of imaging



# pagepro 4650EN

## Efficient and reliable office printing solution

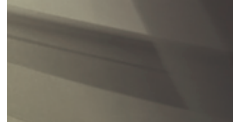
The pagepro 4650EN is a high-performance A4 printer designed for workgroups in medium to large-sized businesses that require high-quality and cost-efficient monochrome prints. Options such as a duplexer, offset stacker and an extra lower feeder expand printing productivity.

- **Quick and reliable** – Breeze through heavy printing tasks with a speedy start of 10.5 seconds and with 34 ppm. 500 MHz processing, 128 MB standard memory (can be upgraded to 384 MB) and Gigabit Ethernet enhance the speed and reliability of delivery.
- **Privacy in printing** – When confidentiality is key, secure printing option is the right solution. Having to enter a code on your PC and then again on the printer display, before printing starts, alphanumerical password ensures total privacy when needed.
- **Seamless integration** – pagepro 4650EN has an outstanding compatibility when it comes to printing languages, operating systems and business applications. In addition to that, it boasts with native support of XPS, making integration run without a glitch.
- **Powerful management** – For accurate consumption and billing overview, track every print job detail. All-in-one consumable cartridge takes a few steps out of maintenance process while PageScope® Suite Management tools allow for remote maintenance, adding flexibility.
- **Outstanding printing capability** – pagepro 4650EN can tackle up to 1800 sheets of paper with stern reliability and will add sorting capability with an optional 500 sheets offset stacker. Choose a variety of printing papers (up to 216 g/m<sup>2</sup>) and run a duplex (optional) for more commercial purposes.
- **Excellent images** – Resolution of 1200 x 1200 dpi guarantees excellent monochrome images, appropriate for booklets, reports and other materials. For an enhanced visual impact, consider combining with the full range of printing options mentioned above.
- **Instant access** – Printing documents and pictures has never been so easy. Whatever the format (supports PDF, TIFF and JPEG), all you need is a USB memory stick, and you are ready to get going.

pagepro 4650EN

Monochrome workgroup printer 34 ppm

# Technical specifications, pagepro 4650EN



<p><b>Print process</b></p> <p><b>Print method:</b> desktop A4 laser beam printer</p> <p><b>Print speed:</b> 34 ppm</p> <p><b>First page out:</b> 10.5 seconds</p> <p><b>Warm-up time:</b> 20 seconds or less</p> <p><b>Max. resolution:</b> 1200 x 1200 dpi</p> <p><b>Duty cycle:</b> 150,000 pages per month</p> <p><b>Hardware and software capabilities</b></p> <p><b>Processor type:</b> 500 MHz</p> <p><b>Memory:</b> 128 MB standard, 384 MB maximum</p> <p><b>Printer emulations:</b> PostScript® 3™, XPS, PCL® 6 (XL3.0), PCL® 5 e/c</p> <p><b>Direct print:</b> PDF (version 1.6), JPEG, TIFF (Hard disk drive<sup>3</sup> option or CF card<sup>2</sup> required)</p> <p><b>Printer management:</b> 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</p>	<p>Print, PageScope® NDPS Gateway, PageScope® Direct Print, Download manager and Status monitor.</p> <p><b>CF card<sup>2</sup>:</b> optional</p> <p><b>Hard disk kit (HDD)<sup>3</sup>:</b> optional</p> <p><b>Fonts</b> 137 standard PostScript® fonts, 93 PCL® scalable fonts, 51 symbol sets and 10 standard line printer fonts</p> <p><b>Interface support</b> Ethernet 10Base-T / 100Base-TX / 1000Base-T (supports TCP/IP, EtherTalk®, IPX/SPX, UDP, IPP1.1, SNMP, HTTP, HTTPS, IPv6) Bidirectional IEEE 1284 parallel, USB 2.0 (High-Speed) and USB Host Port (for PictBridge and Direct Print)</p> <p><b>Operating system compatibility</b></p> <p><b>Windows®:</b> Vista™, Server 2003, XP, 2000.</p> <p><b>Macintosh®:</b> OS X (10.2, 10.3, 10.4).</p> <p><b>Linux®:</b> RedHat v9.0, SuSe v8.2</p> <p><b>Netware®:</b> Netware 4/5/6</p>	<p><b>Paper handling</b></p> <p><b>Standard paper input:</b> 550-sheet cassette and 150-sheet tray</p> <p><b>Standard paper output:</b> 500-sheet face-down output tray</p> <p><b>Optional paper handling:</b> 2 x 550-sheet A4 lower paper feeder, 500-sheet offset stacker, 70-sheet face-up tray</p> <p><b>Media sizes supported:</b> A4, A5, A6, B5, B5 (JIS), B6, letter, legal, 16K, Kai16, Kai32, J-Postcard, executive, Government letter/legal, folio, double postcard, statement, UK Quarto, foolscap, custom (76.2-215.9 mm x 127-355.6 mm) – up to 900 mm</p> <p><b>Envelope sizes supported:</b> Com10, C5, C6, DL, Monarch</p> <p><b>Duplexer<sup>1</sup> sizes supported:</b> A4</p> <p><b>Printable area:</b> 4.2 mm from all edges</p> <p><b>Paper weights:</b> Plain paper (60-105 g/m<sup>2</sup>), thick paper (106-216 g/m<sup>2</sup>) and recycled paper (60-105 g /m<sup>2</sup>)</p> <p>Duplexing<sup>1</sup> (60-105 g/m<sup>2</sup>)</p> <p><b>Print media:</b> Plain paper, thick paper, recycled paper, transparency, letterhead, envelope, labels, postcard and glossy paper</p>	<p><b>Physical</b></p> <p><b>Dimensions:</b> (D) 465 mm x (W) 422 mm x (H) 404 mm</p> <p><b>Weight:</b> 25 kg (engine without consumables), 28 kg (packaged to ship)</p> <p><b>Electrical</b></p> <p><b>Input voltage range:</b> 220 V ~ 240 V (± 10 %)</p> <p><b>Frequency:</b> 50 ~ 60 Hz (± 3 Hz)</p> <p><b>Power consumption:</b> 1015 W or less Average during printing 598 W or less Standby 113 W or less Energy save 19 W or less (New Energy Star<sup>4</sup> compliant)</p> <p><b>Environmental</b></p> <p><b>Temperature:</b> 5 °C ~ 35 °C (operating)</p> <p><b>Humidity:</b> 15 % to 85 % RH (operating)</p> <p><b>Acoustic Noise:</b> 53.6 dB or less (A) (operating), 27 dB or less (A) (standby)</p>	<p><b>Regulatory/Safety conformity</b> UL, cUL, FCC-B, DOC, VCCI, CE Marking, C-Tick, CDRH, WEEE, RoHS</p> <p><b>Consumables<sup>5</sup></b></p> <p><b>Pre-installed:</b> Black toner – yield up to 6,000 pages</p> <p><b>Replacements:</b> Black toner – yield up to 10,000 pages and Black high capacity toner – yield up to 18,000 pages</p> <p><b>Maintenance parts</b> Maintenance kit</p> <p><b>Warranty period and conditions</b> 1 year on-site warranty (within EU; local law applies).</p>
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<sup>1</sup> Duplexer supports plain paper only.

<sup>2</sup> CF card enables storing fonts/overlays, direct printing (PDF, TIFF and JPEG), Collating, Job Accounting, User/Department certification and optional offset finisher support. More than 1 GB CF card is required for Collating.

<sup>3</sup> Optional hard disk kit enables Secure printing, Proof-then-Print, Print & Hold, Job storing and XPS support in addition to all extra functions with CF card<sup>2</sup>.

<sup>4</sup> 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. Specifications and accessories are based on the information available at the time of printing, and are subject to change without notice. For the latest information, please visit [www.konicaminolta.eu](http://www.konicaminolta.eu)

<sup>5</sup> 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. For more information about toner life expectancy, visit <http://printer.konicaminoltaeurope.com/tco>.

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