

B512dn Mono Printer

OKI[®]



The feature-rich small workgroup printer – built for speed, efficiency and reliability



OKI and The Environment

- LED Technology** Long print head life, high efficiency
- ENERGY STAR[®] Compliant** Superior energy efficiency
- Duplex (2-Sided) Printing** Saves energy and resources
- Deep Sleep Mode** Lowers power to save energy (<1.5W)
- Auto Power Off** Saves power during periods of non-use
- Separate Toner and Drum** Less disposable material
- Toner Save Mode** Extends life of toner cartridges





The B512dn black & white printer from OKI packs a lot of versatility, productivity and bottom-line savings into a compact frame.

Highlights:

- Up to 47 ppm print speed and as fast as 4.5-second time to first page¹
- Clear, crisp output at up to 1200 x 1200 dpi
- Separate toner and image drum configuration for lower operating costs
- Duplex (2-sided) printing, standard
- Deep Sleep and Quiet modes
- PCL® and PostScript® 3™ emulations
- 630-sheet standard and 1,160-sheet max paper capacity (with options)
- 667 MHz processor
- Encrypted Secure Print function for protected printing – ensures document confidentiality
- 3 GB memory²
- High-speed USB 2.0 and 1 GB Ethernet connectivity
- Windows® and Mac® OS compatibility
- Optional WiFi® wireless LAN and 530-sheet 2nd paper tray
- Compatible with mobile printing apps such as AirPrint™, Google Cloud Print™ and the OKI Mobile Print app for Android®
- 1-Year limited carry-in depot warranty³; 5-Year limited printhead warranty
- Live, toll-free technical support 24/7/365³

The B512dn Digital Monochrome printer from OKI will give you more choices, so you never have to settle for ordinary performance again.

If you're looking to improve the productivity and lower the operating costs of your business, the B512dn offers all of that and more.

For starters, the B512dn delivers up to 47 ppm, with the first page printing in as little as 4.5 seconds.¹ It produces black & white output that's clear and crisp at up to 1200 x 1200 dpi resolution, using a two-piece consumables system for long-lasting performance and a low cost of operation.

The B512dn features a fast 667 MHz processor, as well as 3 GB of memory². It has a 630-sheet standard paper capacity (530-sheet main paper tray + 100-sheet multi-purpose tray) and can be outfitted with an optional 530-sheet 2nd paper tray, giving them a maximum capacity of 1,160 sheets—for longer uninterrupted productivity.

Fit for any work environment – With its compact size, the B512dn fits just about any work space. It has USB 2.0 and 1 GB Ethernet interfaces standard, and a WiFi® option (802.11 a/b/g/n).

The B512dn supports cloud/mobile solutions such as Google Cloud Print™, AirPrint™ for Apple iOS and OKI Mobile Print app for Android® devices.

Cost-efficient LED printing – The B512dn employs LED printing technology pioneered by OKI over 20 years ago—and is still innovative today. OKI LED printheads have no moving parts, making them ultra-reliable. OKI printers are compact, environmentally friendly, energy efficient, and use significantly less raw materials in the manufacturing process.

And they deliver HD (High Definition) printing for more accurate and striking documents.

The B512dn comes with duplex (2-sided) printing standard, leading to fewer user interventions and savings on media costs. Its Deep Sleep mode—which reduces energy consumption to less than 1.5 watts—and Auto Power Off feature—which shuts off the printer after a long period of no activity—have earned the B512dn an ENERGY STAR® rating.

Backed by legendary support – In terms of durability and reliability, the B512dn is tough—with a monthly duty cycle as high as 100,000 pages. OKI is so confident in the reliability and performance of the B512dn that we provide an industry-leading 5-year printhead warranty and a 1-year carry-in depot warranty.³

If you need technical assistance, you can speak to a live expert located in North America by calling 800.OKI.DATA (800.654.3282).³ That's 24/7/365.

The B512dn at a Glance



Operator panel: 16-character x 2-line LCD display; convenient access to printer status and menu-driven functionality via large, clearly marked buttons

The B512dn helps you control your impact on the environment – This highly efficient black & white printer from OKI offers several environmentally friendly features, including:

ENERGY STAR® compliance – its lower power consumption—especially in Deep sleep mode—earns this printer the government’s recognition for energy efficiency

Duplex printing – reduces paper usage by enabling the user to print on both sides of the sheet

Quiet mode – reduces noise levels and energy consumption

Deep Sleep mode – reduces power consumption to <1.5W

Auto Power Off – shuts off printer after a long period of inactivity (adjustable to 24 hours)—reduces energy costs

Toner Save function – reduces the amount of toner used when printing draft or internal documents

Separate toner cartridge and image drum – These long-lasting, user-replaceable consumables remain friendly to your budget: replace only the item you need, not both at once.



LCD screen display – 16-character x 2 line

Duplex (2-sided) printing capability standard

100-sheet multi-purpose tray

530-sheet standard capacity

Optional 530-sheet 2nd paper tray

Ordering Information:

| Model | Part No. |
|---|----------|
| B512dn (120V Mono Printer) | 62444601 |
| Supplies | |
| Toner Cartridge (Average Life) | |
| Standard – 3,000 pages ⁴ | 45807101 |
| High-Capacity – 7,000 pages ⁴ | 45807105 |
| Extra-High Capacity – 12,000 pages ⁴ | 45807110 |
| Image Drum (Average Life) – 30,000 pages ⁵ | 44574301 |

| Options | | |
|---|----------|----------|
| 530-sheet 2nd Tray | | 44575713 |
| IEEE802.11 a/b/g/n Wireless | | 45830201 |
| OKIcare® Warranty Extensions ³ | | |
| Carry-in Depot | U.S. | Canada |
| 2-Year Extension | 38039702 | 38039712 |
| 3-Year Extension | 38039703 | 38039713 |

B512dn Mono Printer

Specifications

| | | |
|-----------------------------|----------------------------------|--|
| Performance | Simplex Print Speed ¹ | Up to 47 ppm |
| | Duplex Print Speed ¹ | Up to 20 ipm |
| | Time to First Page ¹ | As fast as 4.5 seconds |
| | Monthly Duty Cycle | Up to 100,000 pages |
| | Recommended Monthly Print Volume | 750 to 5,000 pages |
| | Print Resolution | 1200 x 1200 dpi |
| Memory | Standard/Max Memory | 3 GB shared memory ² |
| | Storage Memory | 2.5 GB flash |
| | Processor Speed | 667 MHz CPU |
| Compatibility | Printer Languages | PCL® 5e and PCL 6; PostScript® 3™; PDF (v1.7); XPS; IBM® ProPrinter®; Epson® FX |
| | Connectivity | Standard – High-Speed USB v2.0, 1 Gigabit Ethernet (10/100/1000 Base-TX); Optional – IEEE802.11 a/b/g/n Wireless (WPA2 Enterprise) |
| | Operating Systems | Microsoft® Windows® 8.1, Windows 7, Windows Vista®, Windows Server 2012 R2, Windows Server 2008 R2, Windows Server 2003; Mac® OS 10.6.8 – 10.9 |
| Operator Panel | Backlit LCD Display | 16-character x 2 line |
| Paper Handling | Duplex | Standard |
| | Standard Capacity | 630-sheets (530-sheet standard paper tray + 100-sheet MPT) |
| | Multi-purpose Tray (MPT) | Up to 100 sheets, 10 envelopes |
| | Additional Capacity | Optional 530-sheet 2nd paper tray (1,160 sheets max) |
| | Paper Types | Letter, Legal 13/13.5/14, Executive, Statement, A4, A5, A6, B5, 4"x6", 5"x7"; C5, C6, DL, Com 9, Com 10 and Monarch envelopes |
| | Paper Size | 3.4" x 5.5" min. to 8.5" x 14" max and up to 8.5" x 52" banners |
| | Standard Paper Output | 150 sheets, face down; 100 sheets, face up |
| | Paper Weight | Main and Optional Trays 16 lb. – 32 lb. bond (60 – 120 gsm); MPT 16 lb. bond – 100 lb. tag card (60 – 163 gsm) |
| Resident Fonts | Scalable Fonts | 136 PostScript fonts; 87 PCL fonts |
| | PCL Bitmap Fonts | Line Printer; OCR-A/B; USPS ZIP Barcode |
| | Bar Codes | UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, Interleaved 2 of 5, Code 39, Code 128, EAN/UCC 128, CODABAR; PostNet® ZIP+4; PDF417; QR Code |
| Environmental | Size (WxDxH) | 15.2" x 15.5" x 11.2" (387 mm x 394 mm x 286 mm) |
| | Weight | 28.7 lb. (13 kg) |
| | Power Consumption | Off <0.5W; Deep Sleep 1.4W; Power Save 7W; Standby 80W; Average 630W; Peak 900W |
| | ENERGY STAR Compliance | Yes |
| | ENERGY STAR TEC Value | 2.24 kWh |
| | Acoustic Noise | Operating 56dBA or less; Quiet Mode 52dBA or less; Standby 30dBA or less |
| Warranty³ | Printer and Printhead | Printer: 1-Year limited carry-in depot ³ ; Digital LED Printhead: 5-Year limited |
| Technical Support | Live 24/7/365 ³ | 800-OKI-DATA (800-654-3282) |

For more information on Digital Monochrome Printers and supplies from OKI, including OKIcare® Extended Service Programs, call **1.800.OKI.DATA** (800.654.3282)³ or visit okidata.com.

¹ Published performance results based on laboratory testing. Individual results may vary.

² 512 MB RAM + 2.5 GB flash shared memory.

³ Available in the U.S. and Canada only.

⁴ Declared yield in accordance with ISO/IEC 19752. Printer ships with 2,000-page "starter" toner cartridge.

⁵ Estimated life, based on 3 pages per job simplex (actual results may vary).

Specifications are subject to change without notice.

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