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 page**[1]
- **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 memory**[2]
- **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 warranty**[3]**; 5-Year limited printhead warranty**
- **Live, toll-free technical support 24/7/365**[3]

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 memory[2]. 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.

Duplex (2-sided) printing capability standard

100-sheet multi-purpose tray

Optional 530-sheet 2nd paper tray

LCD screen display – 16-character x 2 line

530-sheet standard capacity

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

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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
Warranty[3]	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**.

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