

# B512dn Specifications

# OKI®

## FEATURE-RICH SMALL WORKGROUP PRINTER BUILT FOR SPEED, EFFICIENCY AND RELIABILITY

A super-fast print speed, high monthly duty cycle and large standard paper capacity allows the B512dn to handle high-volume printing with ease. Standard 2-sided printing helps save paper, while Deep Sleep Mode and Auto Power Off provide cost and energy savings.

### Key features

- Time to first print, as fast as 4.5 seconds<sup>1</sup>
- Print speeds of up to 47ppm<sup>1</sup>
- 17 second warm-up time from Deep Sleep mode
- 667MHz processor and 512MB RAM +2.5 GB flash memory
- PCL/PostScript emulations
- 10/100/1000 Ethernet
- Optional Wireless LAN 802.11a/b/g/n
- Compatible with Google Cloud print, Apple AirPrint® and the OKI Mobile Print app



### Simplicity

- Compact, low profile design to fit any workspace
- Auto sensing 100 sheet Multi-Purpose Tray (MPT) for different paper types
- 2-line x 16-character LCD display for clear, real-time status
- One-click driver installation
- One-year carry-in depot printer warranty<sup>2</sup>
- Live, toll-free technical support<sup>2</sup> – 800-OKI-DATA (800-654-3282)



### Flexibility and Security

- Banners up to 52" long
- Print on card stock up to 100 lb. tag (163gsm)
- 530-sheet paper tray and 530-sheet 2nd tray option
- 1200 x 1200dpi print resolution ensures sharp output every time
- Secure printing protects confidential documents
- Choose the toner size to best suit your needs, 3k, 7k or extra-high capacity 12k toner for the lowest running costs



With optional 530-sheet 2nd paper tray



### Cost and Energy Savings

- Duplex printing (standard) reduces paper usage
- Separate toner and image drum for less cost and waste
- Quiet mode reduces noise levels and energy consumption
- 1.4W Deep Sleep mode and fast recovery time saves power without impacting performance
- Auto Power Off function saves energy

Letter / A4	✓
Mono	✓
Duplex	✓
1 – 15 users	✓

# B512dn MONO PRINTER

## PRINTER

<b>Print Speed<sup>1</sup></b>	Up to 47 ppm
<b>Time to First Page<sup>1</sup></b>	As fast as 4.5 seconds
<b>Warm up time</b>	17 seconds from Deep Sleep, 17 seconds from power on
<b>Processor speed</b>	667MHz

## INTERFACE AND SOFTWARE

<b>Connectivity</b>	Standard: High-Speed USB 2.0, 1 Gigabit Ethernet 10/100/1000 Base-TX Optional: IEEE802.11 a/b/g/n Wireless (WPA2 Enterprise)
<b>Printer languages</b>	PostScript3(Emulation), PCL5e, PCL6(XL), EPSON FX, IBM ProPrinter, XPS, PDF(v1.7)
<b>Network &amp; protocols</b>	All major network protocols supported via ethernet card with internal web server for printer and network card set-up and management. TCP/IP v4 & v6, AirPrint, Google Cloud Print, NetBIOS over TCP, DHCP, BOOTP, HTTP, HTTPS, DNS, DDNS, WINS, UPNP, Bonjour, SMTP, POP3, SNMP v1 & v3, SNT, IPP, IPPS, WSD Print, LLTD, IEEE802.1x, LPR, Port9100, Telnet, FTP, IPSec, WLAN802.11a/b/g/n
<b>OS Compatibility<sup>3</sup></b>	Windows 7 (32-bit & 64-bit), Windows 8 (32-bit & 64-bit), Windows 8.1 (32-bit & 64-bit), Windows Server 2003 (32-bit & 64-bit), Windows Vista (32-bit & 64-bit), Windows Server 2008 (32-bit & 64-bit), Windows Server 2008 R2 (64-bit), Windows Server 2012 (64-bit), Windows Server 2012 R2 (32 bit & 64 bit); Linux PPD; Mac OS 10.6.8 - 10.7, 10.8, 10.9
<b>Utility suite<sup>3</sup></b>	Template Manager <sup>4</sup> , smartPrintSuperVision <sup>4</sup> , OKI LPR <sup>4</sup> , Network Extension, Network Card Setup, Configuration Tool <sup>4</sup> , Op-Panel Download Utility, Storage Device Manager <sup>4</sup>

## TYPEFACES

<b>Printer fonts</b>	87 scalable PCL and 136 PostScript fonts, 4 bitmap fonts, OCR-A/B, USPS ZIP Barcode
<b>Barcode</b>	10 types of one dimension with 26 variations: UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, Interleaved2of5, Code39, Code 128, EAN/UCC-128, CODABAR, ZIP+4POSTNET; 2 types of two dimension: PDF417, QR code

## PRINT QUALITY

<b>Resolution</b>	1200 x 1200dpi
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## PAPER HANDLING

<b>Paper capacity</b>	<b>Tray 1:</b> 530 sheets; <b>Multi-purpose tray:</b> 100 sheets or 10 envelopes (630 sheets total)
<b>Paper capacity optional tray</b>	<b>Tray 2:</b> 530 sheets
<b>Maximum paper capacity</b>	1,160 sheets
<b>Paper Types &amp; Sizes</b>	<b>Paper:</b> Letter, Legal 13/13.5/14, Executive, Statement, A4, A5, A6, B5, 4"x6", 5"x7" <b>Envelopes:</b> C5, C6, DL, Com 9, Com 10 and Monarch <b>Sizes:</b> 3.4" x 5.5" min. to 8.5" x 14" and up to 8.5" x 52" banners
<b>Paper weight</b>	<b>Tray 1/2:</b> 16 lb. – 32 lb. bond (60 to 120gsm); <b>Multi-purpose tray:</b> 16 lb. bond – 100 lb. tag stock (60 to 163gsm)
<b>Duplex</b>	Standard
<b>Paper output</b>	150 sheets face down, 100 sheets face up

## GENERAL FEATURES

<b>Memory</b>	512MB RAM; 2.5 GB flash
<b>Environment</b>	<b>Operating temperature/ humidity:</b> 10°C to 32°C/ 20% to 80% RH non-condensing <b>Storage temperature/ humidity:</b> -10°C to 43°C/ 10% to 90% RH non-condensing
<b>Power consumption</b>	<b>Typical:</b> 630W; <b>Max:</b> 900W; <b>Idle:</b> 80W; <b>Power Save:</b> 7W; <b>Deep Sleep:</b> 1.4W; <b>Auto-Off</b> <0.5W
<b>TEC Value</b>	2.24 kWh
<b>Noise level</b>	<b>Operating:</b> 56dB(A) or less; <b>Standby:</b> 30dB(A) or less; <b>Quiet Mode:</b> 52dBA or less
<b>Dimensions (WxDxH)</b>	15.2" x 15.5" x 11.2" (387mm x 394mm x 286mm)
<b>Weight</b>	28.7 lb. (13 kg)
<b>Duty cycle</b>	<b>Maximum:</b> 100,000 pages/month; <b>Recommended:</b> 750 - 5,500 pages/month

## WARRANTY

<b>Printer</b>	1-year limited carry-in depot <sup>2</sup>
<b>LED Printheads</b>	5-year limited

## OKIcare® WARRANTY ENHANCEMENT PROGRAMS (ORDER NUMBERS)

	Depot	On-Site
<b>1-Year</b>	–	38041611
<b>2-Year</b>	38039712	38041612
<b>3-Year</b>	38039713	38041613
<b>4-Year</b>	38039714	38041614
<b>5-Year</b>	38039715	38041615

Note: All Warranty Enhancement Program options extend the total warranty coverage period from the date of purchase to the number of years listed for each order number above.

## H/W

<b>B512dn, 120V</b>	62444601
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## ACCESSORIES (ORDER NUMBERS)

<b>2nd paper tray</b>	44575713
<b>IEEE802.11 a/b/g/n Wireless</b>	45830201

## CONSUMABLES (ORDER NUMBERS)

<b>Black toner cartridge<sup>5</sup> (3,000 pages)</b>	45807101
<b>Black toner cartridge<sup>5</sup> (7,000 pages)</b>	45807105
<b>Black toner cartridge<sup>5</sup> (12,000 pages)</b>	45807110
<b>Image drum<sup>6</sup> (30,000 pages)</b>	44574301

**Consumables Information:** For the protection of your printer, and in order to ensure that you benefit from its full functionality, this model has been designed to operate only with genuine OKI toner cartridges. These can be identified by the OKI trademark. Any other toner cartridge may not operate at all, even if it is described as "compatible", and if it does work, your printer's performance and print quality may be degraded.

<sup>1</sup> Published performance results based on laboratory testing, simplex. Individual results may vary.

<sup>2</sup> Available in the U.S. and Canada only.

<sup>3</sup> Check OKI website for latest driver releases and OS compatibility.

<sup>4</sup> Windows only.

<sup>5</sup> Declared yield in accordance with ISO/IEC 19752. Ships with 2,000-page "starter" toner cartridge.

<sup>6</sup> Estimated life, based on 3 pages per job simplex (actual results may vary).

Specifications are subject to change without notice.

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