

B512dn Specifications



High performance A4 mono printing for the workgroup

A super fast print speed, high monthly duty cycle and large standard paper capacity equips the B512dn to handle high volume printing with ease.

This clever printer incorporates automatic double sided printing to help save paper and will optimise its speed and power usage to the type of documents being printed, even powering off overnight.

Running costs can be reduced by the use of extra high capacity toners with ultra-reliable digital LED technology and OKI's industry leading warranty guaranteeing many years of excellent service. With Gigabit networking as standard the B512dn delivers fast speed, high quality black and white printing for all in the office to share - Perfect for the workgroup.

Designed for high print volumes

High speed processor and large memory enables the B512dn to power through high and low volume print jobs with ease. With Gigabit Ethernet as standard and an optional Wireless interface, sharing is made easy.

- Time to first print, 4.5 seconds
- A4 print speeds of up to 45ppm
- 530 sheet paper tray and 530 sheet 2nd tray option

- 667MHz processor and 512MB RAM + 3GB eMMC memory
- PCL/PostScript emulations
- 10/100/1000 Ethernet
- Optional Wireless LAN 802.11a/b/g/n

High quality, versatile printing

The B512dn offers flexible media handling, digital LED print quality and the versatility to meet your businesses needs.

- From A6 to A4 and banners up to 1.3m long
- Print on card stock up to 163gsm
- 1200 x 1200dpi print resolution ensures pinsharp output every time
- Secure printing protects confidential documents
- Compatible with AirPrint by Apple Inc
- Choose the toner size to suit your business needs, 3k, 7k or extra high capacity 12k toner for the lowest running costs

Reliable, ergonomic and easy to use

Simple ergonomic design makes life easy and OKI's industry leading warranty provides total peace of mind.

- Compact, low profile design for ease of use

- 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

Powerful features reduce costs and environmental impact

Save paper and power usage whilst reducing your running costs. There is even a noise reduction mode for quieter working environments.

- Duplex printing as standard, reducing paper usage by printing on both sides
- Eco mode improves throughput performance and reduces energy consumption
- Quiet mode reduces noise levels and energy consumption
- 1.4W Deep Sleep mode and super fast recovery time saves power without impacting performance
- 'Auto Power Off' function saves energy

A4	✓
Mono	✓
Duplex print	✓
Prints A6 to 210 x 1321mm, up to 163gsm	✓
1 – 15 users	✓



B512dn - Mono Printer

PRINTER		GENERAL FEATURES	
A4 Print speed	45ppm	Memory	512MB RAM; 3GB eMMC
Time to first print	4.5 seconds	Environment	Operating temperature/ humidity: 10°C to 32°C/ 20% to 80% RH non-condensing Storage temperature/ humidity: -10°C to 43°C/ 10% to 90% RH non-condensing
Warm up time	17 seconds from power on / power save	Power supply	230 VAC +/- 10%, 50 or 60Hz +/-2%
Processor speed	667MHz	Power consumption	Typical: 630W; Max: 900W; Idle: 80W; Power Save: 7W, Deep Sleep 1.4W
INTERFACE AND SOFTWARE		Noise level	Operating: 56dB(A) or less; Standby: 30dB(A) or less; Power save: Background level
Connectivity	Hi-Speed USB 2.0, 10/100/1000 Ethernet	Dimensions (HxWxD)	286 x 387 x 394mm; with 2nd tray 424 x 387 x 405mm
Printer languages	PostScript3(Emulation), PCL5e, PCL6(XL), EPSON FX, IBM ProPrinter, XPS, PDF(v1.7)	Weight ³	13kg
Network & protocols	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, NetBIOS over TCP, DHCP, BOOTP, HTTP, HTTPS, DNS, DDNS, WINS, UPNP, Bonjour, SMTP, POP3, SNMPv1&v3, SNMP, IPP, IPPS, WSD Print, LLTD, IEEE802.1x, LPR, Port9100, Telnet, FTP, IPsec, WLAN802.11a/b/g/n	Duty cycle	Maximum: 100,000 pages/month; Recommended: 750 - 5,500 pages/month
OS Compatibility ¹	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), Windows 10 (32-bit & 64-bit); Linux PPD; Mac OSX 10.6 - 10.11, Mac OS 10.12 - 10.15	Product order numbers	B512dn: 45762026
Utility suite ¹	Template Manager ² , smartPrintSuperVision ² , OKI LPR ² , Network Extension, Network Card Setup, Configuration Tool ² , Op-Panel Download Utility, Storage Device Manager ²	ACCESSORIES (ORDER NUMBERS)	
TYPEFACES		2nd paper tray	44575714
Printer fonts	87 scaleable PCL and 136 PostScript fonts, 2 bitmap fonts, OCR-A/B	Wireless LAN Module	45830202
Dot matrix fonts	Epson FX and IBM PPR at various pitches	CONSUMABLES (ORDER NUMBERS)	
Barcode	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	Black toner cartridge* (3,000 pages)	45807103
		Black toner cartridge* (7,000 pages)	45807107
		Black toner cartridge* (12,000 pages)	45807112
		Image drum** (30,000 pages)	44574303
PRINT QUALITY		* Toner: Number of A4 pages yield compliant with ISO/IEC 19752. Printer shipped with toner for 2,000 pages.	
Resolution	1200 x 1200dpi	** Drum: Average life of 3 pages per job simplex printing.	
PAPER HANDLING			
Paper capacity	Tray 1: 530 sheets of 80gsm; Multi-purpose tray: 100 sheets of 80gsm		
Paper capacity optional tray	Tray 2: 530 sheets of 80gsm		
Maximum paper capacity	1,160 sheets of 80gsm		
Paper sizes	Tray 1: A4, A5, B5(JIS), A6, Letter, Legal 13, Legal 14, Executive, Statement; Tray 2: A4, A5, B5(JIS), Letter, Legal 13, Legal 14, Executive; Multi-purpose tray: A4, A5, B5(JIS), A6, Letter, Legal 13, Legal 14, Executive, Statement, Envelopes: Monarch, Com-9, Com-10, DL, C5, C6, Custom Size (up to 1321mm length including banners), 4x6", 5x7"; Duplex: A4, B5(JIS), Letter, up to Legal 14, Executive		
Paper weight	Tray 1/2: 60 to 120gsm; Multi-purpose tray: 60 to 163gsm; Duplex: 60 to 120gsm		
Duplex	Standard		
Paper output	150 sheets face down, 100 sheets face up (80gsm)		

¹ Check local OKI website for latest driver releases and OS compatibility; ² Windows only; ³Excluding all consumables

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.



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