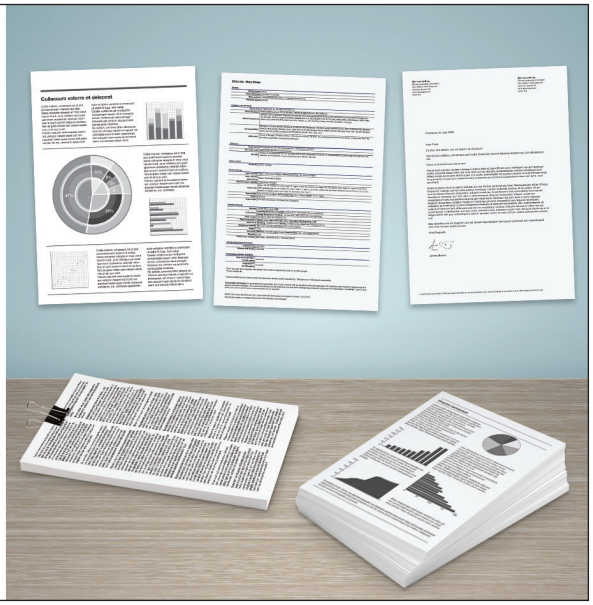
B512dn Specifications



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 Europe'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

Fast warm-up time, a 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
- 5 second warm-up time from Deep Sleep mode
- 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
- Google Cloud print ready and 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 Europe'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
- Three year warranty on registration of your product within 30 days

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
- Energy Star 2.0 compliant

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

B512dn - Mono Printer

Printer

A4 Print speed	45ppm
Time to first print	4.5 seconds
Warm up time	5 seconds from Deep Sleep, 17 seconds from power on
Processor speed	667MHz

Interface and Software

Connectivity	Hi-Speed USB 2.0, 10/100/1000 Ethernet
Printer languages	PostScript3(Emulation), PCL5e, PCL6(XL), EPSON FX, IBM ProPrinter, XPS, PDF(v1.7)
Network & protocols	All major network protocols supported via ethernet card with internal web server for printer and network card set-up and management. TCP/IPv4&v6, AirPrint, Google Cloud Print, NetBIOS over TCP, DHCP, BOOTP, HTTP, HTTPS, DNS, DDNS, WINS, UPNP, Bonjour, SMTP, POP3, SNMPv1&v3, SNTP, IPP, IPPS, WSD Print, LLTD, IEEE802.1x, LPR, Port9100, Telnet, FTP, IPSec, WLAN802.11a/b/g/n
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); Linux PPD; Mac OS 10.6.8 - 10.7, 10.8, 10.9
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]

Typefaces

Printer fonts	87 scalable PCL and 136 PostScript fonts, 2 bitmap fonts, OCR-A/B
Dot matrix fonts	Epson FX and IBM PPR at various pitches
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

Print Quality

Resolution	1200 x 1200dpi

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), 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), 4 x 6", 5 x 7"; **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

General Features

Memory	512MB RAM; 3GB eMMC
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
Power supply	230 VAC +/- 10%, 50 or 60Hz +/-2%
Power consumption	**Typical:** 630W; **Max:** 900W; **Idle:** 80W; **Power Save:** 7W; **Deep Sleep:** 1.4W
Noise level	**Operating:** 56dB(A) or less; **Standby:** 30dB(A) or less; **Power save:** Background level
Dimensions (HxWxD)	286 x 387 x 394mm; with 2nd tray 424 x 387 x 394mm
Weight	13kg
Duty cycle	**Maximum:** 100,000 pages/month; **Recommended:** 750 - 5,500 pages/month
Warranty	3 years extended warranty upon registration within 30 days of purchase
Product order numbers	**B512dn:** 45858303 (2AC) / 45762022 (Euro)

Accessories (Order Numbers)

2nd paper tray	44575714
Wireless LAN Module	45830202

Consumables (Order Numbers)

Black toner cartridge* (3,000 pages)	45807102
Black toner cartridge* (7,000 pages)	45807106
Black toner cartridge* (12,000 pages)	45807111
Image drum (25,000 pages)**	44574302

* Toner: Number of A4 pages yield compliant with ISO/IEC 19752. Printer shipped with toner for 2,000 pages.
** Drum: Average life

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.

3 Year Warranty

Our devices are manufactured to the highest standards of quality and technology, which has been confirmed by independent tests. We are so convinced of the high quality of our products that we are offering you an extension of the standard warranty period to 3 years at no extra cost. Simply register your product within 30 days of purchase to be eligible for our unique all inclusive offer. For further information please visit: **WWW.OKIWARRANTY.COM/3YEAR**
Without registration, the standard pan-European 1 year warranty applies.

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