

EPSON[®]
EXCEED YOUR VISION

Epson **B-500DN**

High productivity, high print volume business printer
with colour cost per page as low as a mono laser printer*¹



Combine superb colour and laser quality text for the same cost per page as a mono laser printer*¹. Maximise productivity with fast print speeds up to 37 ppm, amazing paper flexibility and excellent reliability.

Comprehensive networked printing for your business

High productivity

- High yield supplies up to 8,000 pages mono and 7,000 pages colour
- Extensive paper handling with 650 pages standard capacity, 2 paper sources and automatic duplex printing
- Print up to 37 ppm, with 33 ppm mono and 32 ppm colour in business quality mode
- Ready to print when you are with no warm-up from standby mode and fast 3 seconds first page out time

Excellent reliability

- Reduce downtime with the improved paper feeding mechanism
- Reliable monthly duty cycle of up to 20,000 pages thanks to the Epson Micro Piezo™ print head which lasts the life of the printer
- Achieve the best results with Epson Auto Nozzle Check System*². This system regularly checks the print head and its nozzles to ensure your printer achieves premium print quality

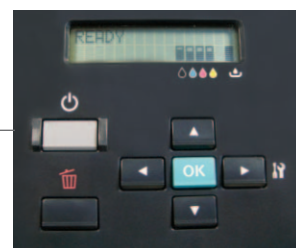
Extensive media support

- Print on a very wide range of media and paper sizes: letterheads, plain and recycled envelopes, ideal for fast crisp text or for high quality full colour marketing materials
- Prints dry very quickly and are durable, water, smudge and highlighter resistant thanks to the ink's special resin coating
- Produce high-quality colour and mono results on any paper with Epson DURABrite™ Ultra inks

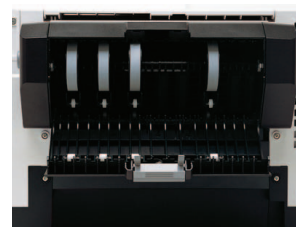


Individual high capacity ink cartridges

150 page rear automatic sheet feeder



LCD Epson B-500DN control panel



Duplex unit

500 sheets paper cassette



Same printhead technology as large format Epson printers

Extremely low cost per page

- Expand your business printing capabilities while keeping your cost per page extremely low
- Print in colour at the cost of a black and white laser printer*¹

The professional printing partner

Adapt the extensive features of the Epson Business Inkjet B-500DN to the individual needs of your business.



Office

Print high-quality colour and mono quickly on any media and across a network. Keep cost per page low, with versatile paper handling from 650 sheet capacity, 2 paper sources and automatic duplex printing.



Retail

Handle high volume printing including price-tag labels, point of sale materials and even standard back office print outs. Enjoy the flexibility of printing on paper of various weights, from plain paper to thick media.



Medical

Produce high-quality scanning results like X-rays, ecographs and RMIs that are traditionally printed on film. Choose whether to print on glossy paper or plain paper, and print the labels out too.



Education

Keep costs low while retaining flexibility of printing on a wide range of media, from standard back office materials to thick paper for diplomas and labels. Handle peaks of high volume activity with ease.

Low environmental impact

Micro Piezo™ technology allows you to print with very low energy consumption, and the printhead lasts for the life of the printer. Therefore you will be able to reduce your impact on the environment and your electricity bill. In addition the high yield ink cartridges mean less changes of supplies and therefore less waste.

Network and emulations support

Share the versatility of your Epson business printer in professional environments including SAP, Citrix and Linux. PCL3 and ESC/P2 emulations available Nov '08. Work quickly and reliably with sophisticated controller technology for efficient data management between PC and printer. Control with remote monitoring and administration, with easy maintenance.

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Print features

Printing technology	Epson Micro Piezo™ drop-on-demand inkjet technology Epson Variable-sized Droplet Technology and 3pl – 11pl Epson Ultra Micro Dot™
Nozzle configuration	1440 nozzles (360 nozzles per colour: Black, Cyan, Magenta, Yellow)
Ink	Epson DURABrite Ultra™ Ink
Resolution	Up to 5760x1440 dpi (with Variable-Sized Droplet Technology)
Print Speed (mono/colour)	Draft 37/37 ppm Normal 33/32 ppm Best 5/5 ppm
First page out	Less than 3 seconds mono/colour
Ink save mode	Yes
Maximum monthly volume	Up to 20,000 pages

Controller specification

Memory	32MB
Printer control language emulations	ESC/P-Raster, ESC/P2 & PCL3 ^{4,5}
Resident typefaces	Compatible with all TrueType® fonts and supported Windows™ operating systems 4 PCL3, 10 ESC/P2 ^{4,5}

Interfaces and connectivity

Interfaces	High Speed USB 2.0, 10/100 BaseTx Ethernet interface
Network printing protocols	IP: TCP/IP, LPR, FTP, IPP, PORT2501, PORT9100; Microsoft Network: Net BIOS over TCP/IP, Net BIOS over NetBEUI
Network management protocols	TCP/IP: SNMP, HTTP, TELNET, DHCP, BOOTP, APIPA, PING, DDNS, mDNS ¹ , SNT, SDDP, SLP; Microsoft Network: Auto-IP, SDDP; MS Network (NetBEUI): SNMP

Media handling

Standard paper input	650 sheets (150 rear ASF + 500 sheet Paper cassette)
Paper size	A4, A5, A6, B5, LT, HLT, LGL, GLG, EXE, C6, DL, #10; 50.8 - 215.9 mm x 127 - 1117.6 mm
Paper weight/thickness	Plain Paper: 64-90 g/m ² , 0.08 - 0.11 mm; Thick Paper: up to 190 g/m ² / 0.25 mm
Automatic Duplex Unit	Standard
Epson media supported	PlainPaper, Premium Inkjet Plain Paper (A4), Bright White Inkjet Paper (A4), Matte Paper Heavy-weight (A4), Double-sided Matte Paper (A4), Photo Quality Inkjet Paper (A4), Coated Paper (A4), Photo Quality Self Adhesive Sheet (A4), Professional Flyer Paper (A4), Photo Paper (A4)

Label (3rd party media tested)

White address label – Inkjet – 14 labels / sheet (AVERY), Easy peel white mailing labels 30 labels / sheet (AVERY), Label paper 20 labels / sheet (Xerox)
170 Sheet (face up)

Paper output standard/maximum

Power requirements

ENERGY STAR® compliant
Voltage: AC 220V-240V ± 10%, Rated current: 0.4A, 0.6A Maximum
Frequency: 50-60Hz ±0.5Hz

Power consumption

Printing: 32W, Ready: 8W, Sleep mode: 5W

LCD panel

22-digit x 5 line LCD

System requirement & OS support

System requirement	OS recommended requirements Interface: USB, 10/100 BaseTx Ethernet
Windows support	Microsoft Windows 98SE/ME, Microsoft Windows 2000/ XP / XP x64 Edition, Microsoft Windows Server 2003 / Server 2003 x64 Edition, Microsoft Windows Vista / Vista x64 Edition
Linux support	Several distributions supported. For updated information, please check Epson Business Solutions Website (www.business-solutions.epson-europe.com/)
Citrix support	Citrix Presentation Server 4.5 Platinum
SAP support	For updated information, please check Epson Business Solutions Website (www.business-solutions.epson-europe.com/)

CD-ROM contents

Drivers
Software
Web-To-Page, EpsonNet-Print, EpsonNetConfig, EpsonNetEasyInstall

Dimensions and weight

(WxDxH mm, Kg)^{4,5}
480 x 489 x 312 mm, 10.7 Kg

Supplies

Extra-high capacity ink cartridge	Black: 8,000 pages ^{4,5}
High capacity ink cartridges	Black: 4,000 pages ^{4,5} , Cyan, Magenta, Yellow: 7,000 pages ^{4,5}
Standard capacity ink cartridges	Black: 3,000 pages ^{4,5} , Cyan, Magenta, Yellow: 3,500 pages ^{4,5}
Maintenance box	35,000 pages ^{4,5}

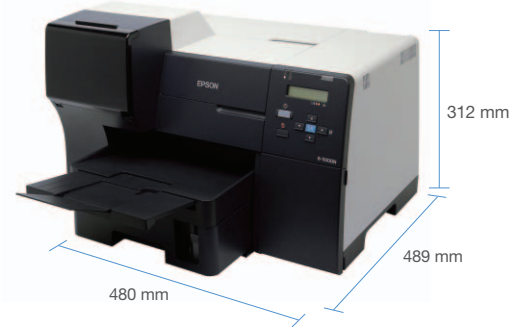
Environmental conditions

Temperature	Operation: 10 to 35 °C / Storage: -20 to +40 °C
Humidity	Operation: 20 to 80% RH / Storage: 5 to 85% RH
Sound power	Operating: 67.5 dB(A); Ready mode: 30.0 dB(A); Sleep mode: background noise
Sound pressure	Operating: 55.3 dB(A); Ready mode: 12.6 dB(A); Sleep mode: background noise

Low Voltage Directive 2006/95/EC EN60950-1, EN60825-1

Warranty

Standard warranty	1 year on-site
Optional Warranty	Extension to 3 years (ECPGRP40)



Ordering information

C11CA03211BY - Epson Business InkJet B-500DN

Box content

Printer, Reference Guide, Driver CD-ROM, Setup Guide, Power Cable, Standard Capacity Ink Cartridges (Black, Cyan, Magenta, Yellow)

Supplies

Extra-high capacity ink cartridge

C13T618100 Black

High capacity ink cartridges

C13T617100 Black

C13T617200 Cyan

C13T617300 Magenta

C13T617400 Yellow

Standard capacity ink cartridges

C13T616100 Black

C13T616200 Cyan

C13T616300 Magenta

C13T616400 Yellow

C13T619000 Maintenance Box

For more information on Epson products and services please visit: www.epson.co.uk

For more information on Epson environmental initiatives please visit: www.epson.co.uk/environment

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¹ Compared with best selling Mono Laser Printers in EMEA in 2007. Cost per Page calculated from official list prices and official specifications in March'08.

² This function is not 100% guaranteed. Depending on the result of nozzle checking, the printer cleans the print head automatically using ink. Depending on the environment (dust/vibrations), the print head nozzles may not be entirely unclogged. In this case manual cleaning is recommended. The Auto Nozzle Check System requires a small amount of ink.

³ From November 2008

⁴ Weight including high capacity cartridges

⁵ In accordance to ISO/IEE 24711



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