

PRODUCT SPECIFICATIONS

MODEL	Epson B-510DN
PRINT FEATURES Printing technology Nozzle configuration Ink Resolution Print speed (mono/colour) Ink save mode Maximum monthly volume	Epson Micro Piezo™ drop-on-demand inkjet technology Epson Variable-sized Droplet Technology and 3 pl – 11 pl Epson Ultra Micro Dot™ 1440 nozzles (360 nozzles per colour: black, cyan, magenta, yellow) Epson DURABrite Ultra Ink Up to 5760x1440 dpi (with Variable-Sized Droplet Technology) Draft 37/37 ppm / Normal 33/32 ppm / Business Quality 19/18 ppm* Yes Up to 20,000 pages
CONTROLLER SPECIFICATION Memory Printer control language emulations Resident typefaces	32 MB ESC/P-Raster, ESC/P2 & PCL3 Compatible with all TrueType® fonts and supported Windows™ operating systems 4 PCL3, 10 ESC/P2
INTERFACES AND CONNECTIVITY Interfaces Network printing protocols Network management protocols	High Speed USB 2.0, 10/100 BaseTx Ethernet interface TCP/IP: TCP/IP, LPR, FTP, IPP, PORT2501, PORT9100; Microsoft Network: Net BIOS over TCP/IP, Net BIOS over NetBEUI TCP/IP: SNMP, HTTP, TELNET, DHCP, BOOTP, APIPA, PING, DDNS, mDNS, SNTP, SSDP, SLP; Microsoft Network: Auto-IP, SSDP; MS Network(NetBEUI): SNMP
MEDIA HANDLING Standard paper input Paper size Paper weight/thickness Automatic Duplex Unit Epson media supported	650 sheets (150-sheet rear ASF + 500-sheet paper cassette) A4, A5, A6, B5, LT, HLT, LGL, GLG, EXE, C6, DL, #10; 50.8 – 215.9 mm x 127 – 1,117.6 mm Plain paper: 64-90 g/m ² , / 0.08 - 0.11 mm; Thick paper: up to 256 g/m ² / 0.25 mm standard Plain Paper, 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) Paper output standard/maximum	White address label – Inkjet – 14 labels / sheet (AVERY), Easy peel white mailing labels 170 sheet (face up)
LCD PANEL	22-digit x 2 line LCD
POWER REQUIREMENTS Rated voltage/frequency/current Power consumption	ENERGY STAR® compliant Voltage: AC 220V-240V ± 10%, Rated current: 0.4A, 0.6A maximum Frequency: 50-60Hz ±0.5Hz Printing: 30W, Ready: 7W, Sleep mode: 3.5W
SYSTEM REQUIREMENTS AND OS SUPPORT System requirements Windows support Linux support Citrix support SAP support Mac support	OS recommended requirements Interface: USB, 10/100 BaseTx Ethernet Microsoft Windows 98SE/ME (not bundled in the printer box) Microsoft Windows 2000 Microsoft Windows XP / XP x64 Edition Microsoft Windows Server 2003 / Server 2003 x64 Edition Microsoft Windows Server 2008 / Server 2008 x64 Edition Microsoft Windows Vista / Vista x64 Edition Microsoft Windows 7 / 7 x64 Edition Several distributions supported. For updated information, please check Epson Business Solutions Website www.business-solutions.epson-europe.com Citrix Presentation Server 4.5, hotfix rollup pack 3 (Citrix Client version 10.1 and above) For updated information, please check Epson Business Solutions website: www.business-solutions.epson-europe.com OS 10.3.9 or later
CD-ROM CONTENTS Drivers Software	Printer Drivers, Epson Status Monitor 3, Reference Guide, Web-To-Page, EpsonNet-Print, EpsonNetConfig, EpsonNetEasyInstall
DIMENSIONS AND WEIGHT (WxDxH mm)/kg ³	480x489x312 mm / 10.7 kg
SUPPLIES Extra-high capacity ink tanks High capacity ink tanks Standard capacity ink tanks Maintenance box	Black: 8,000 pages ⁴ Black: 4,000 pages ⁴ , Cyan, Magenta, Yellow: 7,000 pages ⁴ Black: 3,000 pages ⁴ , Cyan, Magenta, Yellow: 3,500 pages ⁴ 35,000 pages ⁴
ENVIRONMENTAL CONDITIONS Temperature Humidity Sound power Sound pressure	Operation: 10 to 35 °C / Storage: -20 to +40 °C Operation: 20 to 80% RH / Storage: 5 to 85% RH Operating: 7.0B(A) Default, 5.3(A) Best Photo. Ready & Sleep modes: Background noise Operating: 55dB(A) Default, 38dB(A) Best Photo. Ready & Sleep modes: Background noise
WARRANTY Standard warranty	1 year on-site/Epson Cover Plus 3 year extended Warranty On-site ECPGRP40

Epson B-510DN

ORDERING INFORMATION

C11CA67301 – Epson B-510DN (main model)

Box content:

Printer, reference guide, driver, CD-ROM, setup guide, power cable (EURO220V), standard capacity ink tanks (black, cyan, magenta, yellow)

Supplies

Extra-high capacity ink cartridge
C13T618100 Black

High capacity ink cartridge

C13T617100 Black
C13T617200 Cyan
C13T617300 Magenta
C13T617400 Yellow

Standard capacity ink cartridge

C13T616100 Black
C13T616200 Cyan
C13T616300 Magenta
C13T616400 Yellow
C13T619000 Maintenance Box

For more information on Epson products and services please visit: www.epson-europe.com

For more information on Epson Business Printing Solutions as well as the Solution Partnership Programme, please visit: www.business-solutions.epson-europe.com

For more information on Epson environmental initiatives please visit: www.epson.com/recycle

HIGH VOLUMES AT A LOW COST

* Compared to most sold Mono Laser printers in EMEA in 2009, average European supplies prices in Nov 2009, yields coming from manufacturer's public information.² This function is not 100% guaranteed. Depending on the result of nozzle checking, the printer cleans the printhead automatically using ink. Depending on the environment (dust/vibrations), the printhead 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 Weight excluding supplies. ⁴ In accordance to ISO/IEC 24711 ⁵ compared to colour laser printers below €399, average European printers and supplies prices in Nov 2009, yields coming from manufacturer's public information ⁶ Description that the productivity has been determined in accordance with ISO/IEC 24734. The average of ESAT from the Office Category Test for default simplex mode.



For further information please contact your local Epson office or visit www.epson-europe.com

Austria 0810/20 01 13 (0,07 €/Min.) Belgium 070/350120 (0,1735 €/min.) Czech 800/142 052 Denmark 44 50 85 85 Finland 0201 552 091
France 09 74 75 04 04 (0,12€/min) Germany 018a05/23 41 10 (0,14 €/Min.) Greece 210-8099499 Hungary 06800 147 83 Ireland 01 436 7742
Italy 02-660321 10 (0,12 €/min.) Luxembourg 900/43010 (0,24 €/min.) Middle East +9714 8818934 Netherlands 0900-5050808 (0,05 €/oproep
+ 0,15 €/min.) Norway 22 06 42 80 Poland 0-0-800 4911299 (0,16 zł/min.) Portugal 707 222 111 Russia (095) 777-03-55 Slovakia 0850 111 429
South Africa (+2711) 465-9621 Spain 93 582 15 00 Sweden 0771-400135 (Mobilsamtal – 0,99 kr/min, Lokala samtal – 0,30 kr/min,
Utlandssamtal – 0,89 kr/min) Switzerland 0848 448820 (4-8 cent./min.) Turkey (0212) 3360303 United Kingdom 0871 222 6702

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EPSON®

Epson B-510DN



EPSON®

EXCEED YOUR VISION

PROFESSIONAL SOLUTIONS

Adapt the extensive features of the Epson B-510DN to the individual needs of your business. This business inkjet is ideally suited for demanding office, retail, medical or education environments.



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



Retail
Handle high-volume printing like price-tag labels, point of purchase signaling and even standard black office printouts. 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 you can print labels 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. You'll be able to handle peaks of high-volume activity with ease.

Low environmental impact
The Epson 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. Moreover, the high yield ink tanks mean fewer changes of supplies, therefore reducing waste.

Network and emulations support
Share the versatility of your Epson business printer in professional environments including SAP, Citrix and Linux with PCL3 and ESC/P2 emulations. Work quickly and reliably with sophisticated controller technology for efficient data management between PC and printer. Stay in control of your network with remote monitoring, from administration to maintenance.

HIGH PRODUCTIVITY

Combine superb colour and laser quality text for the same cost per page as a mono laser printer*¹ with the Epson B-510DN. It maximises productivity with fast print speeds up to 37 ppm, amazing media flexibility and excellent reliability.

High performance

- 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 duplexing
- Print up to 37 ppm, with 33 ppm mono and 32 ppm colour in business-quality mode
- Ready to print wherever you are with no warm-up from standby mode

Extensive media support

- Print on a very wide range of media and paper sizes, from letterhead to plain and recycled envelopes
- Print quality is assured in colour and black and white even on plain paper thanks to pigment-based Epson DURABrite Ultra Ink
- Printouts dry very quickly and are water, smudge and highlighter resistant thanks to the ink's special resin coating

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 total cost of ownership is 70% lower than a colour laser printer*⁵



The Epson B-510DN benefits from the same printhead technology as large format printers.

Reliable business printing

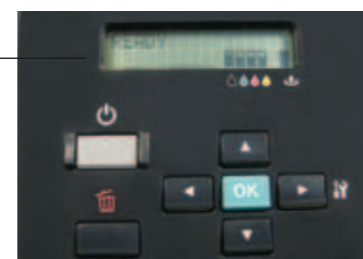
- Reduce downtime with the improved paper feeding mechanism
- Reliable monthly duty cycle of up to 20,000 pages thanks to the Epson Micro Piezo™ printhead which lasts the life of the printer
- The Auto Nozzle Check System keeps the printhead clean to maximise print quality at any time*²

150-page rear automatic sheet feeder



Individual high capacity ink tanks

500-sheet paper cassette



Easy to use, intuitive LCD control panel



Standard duplex unit, for fast automatic printing on both sides of the page