

PRODUCT SPECIFICATIONS

MODEL	Epson B-300/B-310N/B-510DN
PRINT FEATURES Printing technology Print head Nozzle configuration Ink Resolution Print speed (mono/colour) Ink save mode Maximum monthly volume	Epson Micro Piezo™ drop-on-demand inkjet technology Epson new LUT 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 (10,000 pages B-300/B-310N)
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** 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, SNTIP, 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   Label (3rd party media tested)  Paper output standard/maximum	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/m², / 0.08 - 0.11 mm; Thick paper: up to 256 g/m² / 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) 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 B-510DN/B-310N: Printing: 30W, Ready: 7.0W, Sleep mode: 3.5W B-300: Printing: 30W, Ready: 6W, 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**	B-510DN: 480x489x312 / 10.7 kg B-310N: 480x420x312 / 9.95 kg B-300: 480x420x312 / 9.85 kg
SUPPLIES Extra-high capacity ink tanks (black)* High capacity ink tanks (black, cyan, magenta, yellow)* Standard capacity ink tanks (black, cyan, magenta, yellow) Maintenance box	Black: 8,000 pages** Black: 4,000 pages**, CMY: 7,000 pages**  Black: 3,000 pages**, CMY: 3,500 pages**  35,000 pages**
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 ECPGRP30 (B-300/B-310N), ECPGRP40 (B-510DN)



For further information please contact your local Epson office or visit [www.epson-europe.com](http://www.epson-europe.com)

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South Africa (+2711) 465-9621 Spain 93 582 15 00 Sweden 0771-400135 (Mobilisamtal – 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 B-300/B-310N/B-510DN

ORDERING INFORMATION

C11CA03261BY – Epson B-300 (main model)

**Box content:**  
Printer B-300 main unit, reference guide, driver CD-ROM, setup guide, power cables (UK240, CH220V), standard capacity ink tanks (black, cyan, magenta, yellow)

C11CA67701BY – Epson B-310 (main model)

**Box content:**  
Printer B-310N main unit, reference guide, driver CD-ROM, setup guide, power cables (UK240, CH220V), standard capacity ink tanks (black, cyan, magenta, yellow)

C11CA67301BY – Epson B-510DN (main model)

**Box content:**  
Printer B-510DN main unit, duplex, reference guide, driver CD-ROM, setup guide, power cables (UK240, CH220V), 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

**Options**  
C12C802531 Automatic Duplex Unit

For more information on Epson products and services please visit: [www.epson-europe.com](http://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](http://www.business-solutions.epson-europe.com)

For more information on Epson environmental initiatives please visit: [www.epson.com/recycle](http://www.epson.com/recycle)

\*\* For B-510DN, 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. \*\* Manual cleaning is recommended when the Auto Nozzle Check System fails to unclog the printhead nozzles.  
\*\* Standard on the Epson B-510DN, optional on the Epson B-310N and Epson B-300. \* B-510DN/B-310N only. \*\* B-510DN only.  
\*\* Weight excluding supplies. \*\* In accordance to ISO/IEE 24711.  
\*\* For B-510DN, compared to colour laser printers below €399, average European supplies prices in Nov 2009, yields coming from manufacturer's public information. \*\* 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.

Epson B-300/B-310N/B-510DN

BUSINESS COLOUR  
AT THE COST OF  
MONO\*1



**EPSON**  
EXCEED YOUR VISION

# COLOUR PERFORMANCE

Transform the way you work with an Epson business inkjet printer. Combine superb colour and business quality text for the same cost per page as a mono laser printer\*<sup>1</sup>. Maximise productivity with fast print speeds of up to 37 ppm, media flexibility and excellent reliability.

## High performance

- High yield supplies up to 8,000 pages black and 7,000 pages colour (Epson B-510DN)
- Extensive paper handling with 650 pages standard capacity, 2 paper sources and automatic duplexing<sup>3</sup>
- Share the printer across workgroups with high-speed networking<sup>4</sup>

## Excellent reliability

- Reduce downtime with the improved paper feeding mechanism
- Reliable monthly duty cycle of up to 20,000 pages (Epson B-510DN) thanks to the Epson Micro Piezo™ printhead which lasts for the life of the printer
- The Auto Nozzle Check System keeps the printhead clean to maximise print quality at any time<sup>2</sup>

## 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

## High productivity

- 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

## Extremely low cost per page

- Keep your printing cost per page extremely low thanks to high capacity ink tanks
- Print in colour at the cost of a black and white laser printer<sup>1</sup>
- The total cost of ownership is 70% lower than a colour laser printer<sup>8</sup>

Individual high capacity ink tanks



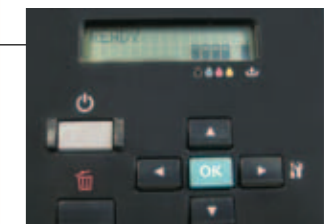
150-page rear automatic sheet feeder

Standard duplex unit, for fast automatic printing on both sides of the page – optional on the Epson B-300/B-310N



Easy network connection

Epson B-510DN



Easy to use, intuitive LCD control panel (Epson B-310N/B-510DN)



Epson Micro Piezo™ printhead delivers precise, perfectly formed ink droplets for laser-like prints and vibrant photos

## Network and emulations support

Share the versatility of your Epson business inkjet 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.

## 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.

## Epson B-300 – print from 250 to 500 pages

The Epson B-300 is ideal for companies that print an average of 250-500 pages per month and who are not satisfied by the alternatives on the market today.

## Epson B-310N – print from 500 to 1000 pages

The Epson B-310N is more suitable for customers with a high print volume (500-1,000 pages per month) and a requirement for a printer that can be shared by several users. With an intuitive control panel that includes an LCD display, similar to other professional business printers that can be easily maintained by IT administrators.

## Epson B-510DN – print over 1000 pages

The Epson B-510DN is more suitable for customers with a very high print volume (more than 1,000 pages per month) and a strong focus on cost per page and reliability.

150-page rear automatic sheet feeder



500-sheet paper cassette

Epson B-300



## Professional printing with very low energy consumption

These power-efficient ENERGY STAR® qualified printers help reduce your impact on the environment, whilst saving you money with lower energy bills.

Epson Micro Piezo™ print technology provides reliable performance and quality to keep print costs low. You'll also reduce waste, with less frequent changes of the ink tanks and more efficient use of paper with auto-duplexing (standard on Epson B-510DN).