EPSON®
EXCEED YOUR VISION



Epson B-300/B-500DN



Print in colour at the cost of a mono laser printer*1

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

High performance, reliable printing for your business

High productivity

- High yield supplies up to 8,000 pages mono and 7,000 pages colour (Epson B-500DN)
- Extensive paper handling with 650 pages standard capacity, 2 paper sources and automatic duplexing*3
- Share the printer across workgroups with high-speed networking*4

Excellent reliability

- Reduce downtime with the improved paper feeding mechanism
- Reliable monthly duty cycle of up to 20,000 pages (Epson B-500DN) thanks to the Epson Micro Piezo™ print head which lasts the life of the printer
- The Auto Nozzle Check System keeps the print head clean to maximise print quality at any time*2

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
- Quality is assured in colour, black and white and text printing even on plain paper with pigment-based Epson DURABrite™ Ultra inks
- Prints dry very quickly and are durable, water and smudge resistant thanks to the ink's special resin coating

Fast

- 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

Extremely low-cost per page

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



Epson B-300

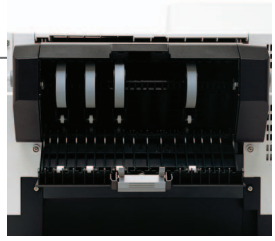


Same printhead technology as large format Epson printers



Individual high capacity ink tanks

150 page rear Automatic Sheet Feeder



Duplex unit – optional on the Epson B-300



LCD B-500DN control panel



Network connection

Epson B-500DN

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*5 emulations. 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.

Low environmental impact

Micro Piezo technology allows you to print with very low energy consumption, and the printheads last 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 less changes of supplies, therefore waste reduction.

Epson B-300 application

The Epson B-300 is ideal for companies that have an average of 250-500 pages per month, and who are not satisfied by the alternatives on the market today (maybe because of high colour printing costs or low speeds of current devices).

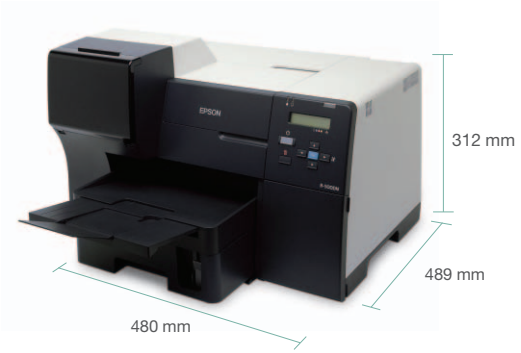
Epson B-500DN application

The Epson B-500DN is more suitable for customers with a higher print volume (from 500 pages per month) and a focus on cost per page. They require a printer that can be shared by several users and easily maintained by IT administrators, thanks to a control panel that includes an LCD display, similar to other professional business printers.



Epson B-300/B-500DN

Model	Epson B-300/B-500DN
Print features	
Printing technology	Epson Micro Piezo™ drop-on-demand inkjet technology
Print head	Epson Variable-sized Droplet Technology and 3 pl – 11 pl 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 (10,000 pages B-300)
Controller specification	
Memory	32 MB
Printer control language emulations	ESC/P-Raster, ESC/P2 & PCL3*5
Resident typefaces	Compatible with all TrueType® fonts and supported Windows™ operating systems 4 PCL3, 10 ESC/P2*5
Interfaces and connectivity	
Interfaces	High Speed USB 2.0, 10/100 BaseTx Ethernet interface*4
Network printing protocols*4	IP: TCP/IP, LPR, FTP, IPP, PORT2501, PORT9100; Microsoft Network: Net BIOS over TCP/IP, Net BIOS over NetBEUI
Network management protocols*4	TCP/IP: SNMP, HTTP, TELNET, DHCP, BOOTP, APIPA, PING, DDNS, mDNS†1, SNTP, SSDP, SLP; Microsoft Network: Auto-IP, SSDP; MS Network(NetBEUI): SNMP
Media handling	
Standard paper input	650 sheets (150 sheet rear ASF + 500 sheet Paper cassette)
Paper size	A4, A5, A6, B5, LT, HLT, LGL, GLG, EXE, C6, DL, #10; 50.8 - 215.9 mmx127 - 1117.6 mm
Paper weight/thickness	Plain Paper: 64-90 g/m², / 0.08 - 0.11 mm; Thick Paper: up to 190 g/m² / 0.25mm
Automatic Duplex Unit	Standard*3
Epson media supported	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), PhotoPaper (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)
Paper output standard/maximum	170 Sheet (face up)
LCD panel*4	22-digit x 5 line LCD
Power requirements	ENERGY STAR® compliant
Rated voltage/frequency/current	Voltage: AC 220V-240V ± 10%, Rated current: 0.4A, 0.6A maximum Frequency: 50-60Hz ±0.5Hz
Power consumption	B-500DN: Printing: 32W, Ready: 8W, Sleep mode: 5W B-300: Printing: 30W, Ready: 6W, Sleep mode: 3.5W
System requirement & OS support	
System requirement	OS recommended requirements Interface: USB, 10/100 BaseTx Ethernet
Windows support	Microsoft Windows 98SE/ME (Not bundled in the printer box) 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 (link http://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 (link http://www.business-solutions.epson-europe.com/)
CD-ROM contents	
Drivers	Printer Drivers, Epson Status Monitor 3, Reference Guide, Web-To-Page
Software*4	EpsonNet-Print, EpsonNetConfig, EpsonNetEasyInstall
Dimensions and weight (WxDxH mm, Kg)*6	480x420x312 mm, 9.85 Kg (B-300) / 480x489x312 mm, 10.7 Kg (B-500DN) Duplex Unit: 312.8x91.2x162.1 - 0.9 Kg
Supplies	
Extra-High capacity ink tank black*4	Black: 8,000 pages*7
High capacity ink tanks (Black, Cyan, Magenta, Yellow)*4	Black: 4,000 pages*7, CMY 7,000 pages*7
Standard capacity ink tanks (Black, Cyan, Magenta, Yellow)	Black: 3,000 pages*7, CMY 3,500 pages*7
Maintenance box	35,000 pages*7
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: - dB(A)
Warranty	
Standard warranty	1 year on-site/Epson Cover Plus 3 year extended Warranty On-site ECPGRP30 (B-300), ECPGRP40 (B-500DN)



Ordering information

C11CA03261 - Epson Business Inkjet B-300 main model

Box content
Printer B-300 Main Unit, Reference Guide, Driver CD-ROM, Setup Guide, Power Cables (UK240, CH220V), Std Capacity Ink Tanks (Black, Cyan, Magenta, Yellow)

C11CA03211 - Epson Business Inkjet B-500DN main model

Box content
Printer B-500DN Main Unit, Duplex, Reference Guide, Driver CD-ROM, Setup Guide, Power Cables (UK240, CH220V), Std Capacity Ink Tanks (Black, Cyan, Magenta, Yellow)

Supplies

Extra-high capacity ink cartridge*4

C13T618100	Black

High capacity ink cartridge*4

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

*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 Standard on the Epson B-500DN, optional on the Epson B-300 *4 B-500DN only *5 From November 2008 *6 Weight including supplies
*7 In accordance to ISO/IEEE 24711

For more information on Epson Products and Services please visit:
http://www.epson-europe.com

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

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

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