

EPSON Business Inkjet
B-300/B-500DN

EPSON
EXCEED YOUR VISION

Affordable Performance For Everyday Printing



- Incredible savings with low-cost, high-volume printing
- Robust reliability for seamless operation
- Dynamic printing performance for maximum efficiency

RELIABLE PRINTING SOLUTIONS FOR YOUR BUSINESS

EPSON Business Inkjet
**B-300/
B-500DN**



The EPSON Business Inkjet B300/B500DN offer affordable large-volume printing without compromising on speed and quality

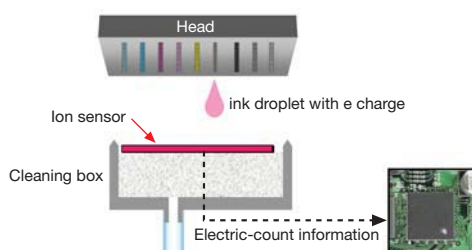
Great Savings with Amazingly Low Total Cost of Ownership

Enjoy remarkably low daily operational costs and impressive long term savings with the printing efficiency of the B300/B500DN as it offers quality inkjet colour prints that cost less than conventional colour printers. You can even print in colour which is comparable to the cost of black-and-white laser printing!^{*1} The B300/B500DN comfortably outperforms conventional colour laser and business inkjet printers, making it the ideal choice for low-cost, high-volume printing.

Best-in-class Reliability that Ensures Minimal Disruptions to Your Workflow

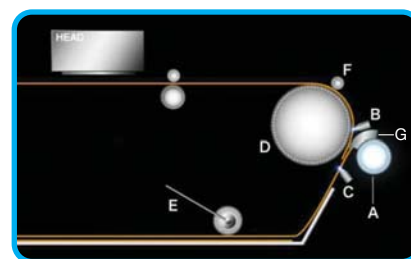
Intelligent Cleaning with Epson Auto Nozzle Check System^{*2}

Epson Auto Nozzle Check System^{*2} checks the print head on a regular basis to keep the print head clean to give you premium print quality. If the print head nozzles are clogged, the system will automatically and efficiently clean the print head. This reduces down time as it minimises printer maintenance.



Innovative Paper Feeding Mechanism

Enjoy enhanced productivity with accelerated paper feeding speed and minimal paper jams. Thanks to the innovative Front and Back Edge Detector that accurately detects paper position thus effectively reducing the space between the sheets, and the Double Feed Prevention Device that ensures single feeding.



- A: Retard roller
- B & C: Front and back edge detection
- D: Intermediate roller
- E: Paper feed roller
- F: Assist roller
- G: Double-feed prevention device

Advanced Wiper Cleaning Technology

While a conventional printer would not be able to ensure optimum head cleaning gets when its wiper gets dirty from prolonged use, the B300/B500DN is equipped with an effective wiper-cleaning feature that helps to maintain acceptable quality cleaning standards.



Hassle-free Replacement of Maintenance Box

Unlike conventional inkjet printers, the maintenance box of the B300/B500DN is designed to be easily replaceable, cutting down the need for time-consuming maintenance checks and service visits.



Assured Durability with Epson DURABrite™ Ultra Ink

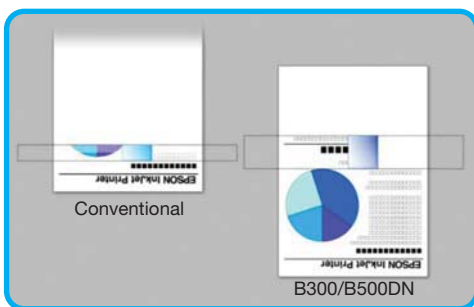
With its smudge-resistant, water-resistant, quick drying and excellent ink adhesion features, Epson DURABrite™ Ultra Ink produces long-lasting photos and documents of amazing quality. Get outstanding clarity and colour that impresses for all your business needs.



Superb Performance that Delivers Maximum Productivity

Impressive Printing Efficiency with High Speed Wide Head

Featuring a powerful print speed of 37ppm*³ and first page out time of 3 seconds, the B300/B500DN provides the cutting-edge performance you need to enhance business productivity and improve work efficiency. High-speed printing is made possible with a 1-inch print head featuring 360 symmetrical ink nozzles per colour, delivering quality colour prints at fast speeds.



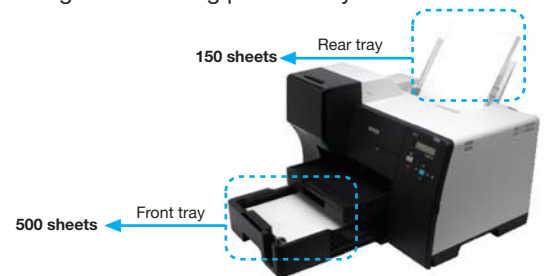
Smooth Workflow with Large-Capacity Ink Cartridges

Avoid the trouble of having to store and replace your ink cartridges continually with our high capacity ink cartridges. Operational efficiency is kept at optimal levels with reduced frequency of cartridge replacement even with high-volume printing.



Boost Productivity with Large-Capacity Paper Tray

The front and rear trays hold up to 650 standard sheets, facilitating high-volume printing and boosting productivity.



User-Friendly Front-Access Design

The B300/B500DN is designed to allow replacement operations to be carried out from the front of the unit, saving space and making them ideal for small offices and retail spaces.

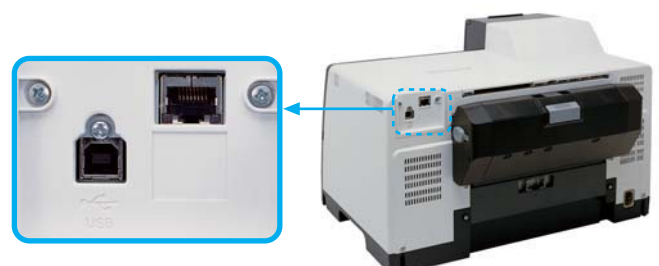


Media Flexibility

Enjoy the flexibility of printing on paper up to 256gsm, and also on a variety of paper media including coated paper and envelopes.

Networking Support (only for EPSON Business Inkjet B500DN)

The B500DN comes standard with Ethernet TCP/IP 10/100 Base-T ports and duplex printing capability. Enjoy greater ease and convenience with network printing made easy. What's more, you can save time and paper with effortless double-sided printing.



Weight-
Approx. 10.7kg (B-500DN)
Approx. 9.85kg (B-300)



EPSON Business Inkjet B-300/B-500DN

MODEL NUMBER	B-300	B-500DN
PRINT FEATURES	On-demand ink jet (piezoelectric) Epson Micro Piezo™ 360 nozzles (Black) , 360 nozzles (Cyan, Magenta, Yellow) 3pl EPSON DURABrite™ Ultra Ink Up to 5760 x 1440 dpi (with VSDT) Draft 37/37 ppm Normal 33/32 ppm Best 5/5 ppm Less than 3 sec in Mono/Color(Draft)	
FIRST PAGE OUT	Up to 10,000 pages*4	Up to 20,000 pages*5
MAXIMUM MONTHLY VOLUME		
CONTROLLER SPECIFICATIONS	MEMORY 32MB PRINTER CONTROL LANGUAGE EMULATIONS ESC/P-Raster	
INTERFACES AND CONNECTIVITY	High Speed USB 2.0	High Speed USB 2.0, 10/100 BaseTx Ethernet interface
INTERFACES		
MEDIA HANDLING	STANDARD PAPER INPUT 650 sheets (150 Rear ASF + 500-Sheet Paper Cassette) PAPER SIZE (SINGLE SIDE) A4, A5, A6, B5, LT, HLT, LGL, GLG, EXE, C6, DL, #10; 50.8 - 215.9mm x 127 - 1117.6mm PAPER WEIGHT/THICKNESS 64 - 90 g/m2, 0.08 - 0.11 mm(PlainPaper), Up to 256 g/m2, 0.25mm MEDIA HANDLING Optional Automatic Duplex Unit Automatic Duplex Unit PAPER OUTPUT STANDARD/MAXIMUM 170 Sheet (face up)	
POWER REQUIREMENT	RATED VOLTAGE AC 220V-240V, Input Voltage range: AC198-264V RATED FREQUENCY 50-60Hz, Input frequency range: 49.5-50.5Hz RATED CURRENT 0.4A, Maximum rated current: 0.6A POWER CONSUMPTION 220-240V Printing: 30W, Ready: 8W, Sleepmode: 2.8W, Power Off: 0.6W 220-240V Printing: 32W, Ready: 6W, Sleepmode: 3.5W, Power Off: 0.6W	
SYSTEM REQUIREMENT & OS SUPPORT	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 Vista / Vista x64 Edition Citrix Presentation Server 4.5 Platinum (Citrix Support) Mac™ OS X	
ADDITIONAL SOFTWARES	DRIVERS Printer Driver, Epson Status Monitor 3, Reference Guide, Paper Jam Guide SOFTWARE Web-To-Page Web-To-Page, EpsonNet-Print, EpsonNetConfig(Win)(Web), EpsonNetEasyInstall, AdddNet	
DIMENSIONS AND WEIGHT (W X D X H mm, Kg)*	480 x 420 x 312 - 9.85Kg	480 x 489 x 312 - 10.7 Kg
*Weight excludes ink cartridges		
SUPPLIES	STANDARD CAPACITY INK CARTRIDGE BLACK 3000 pages*1A STANDARD CAPACITY INK CARTRIDGE CYAN } 3500 pages*4 (Composite yield) STANDARD CAPACITY INK CARTRIDGE MAGENTA } STANDARD CAPACITY INK CARTRIDGE YELLOW } EXTRA-HIGH CAPACITY INK CARTRIDGE BLACK N/A 8000 pages*1A HIGH CAPACITY INK CARTRIDGE BLACK N/A 4000 pages*1A HIGH CAPACITY INK CARTRIDGE CYAN N/A } 7000 pages*4 (Composite yield) HIGH CAPACITY INK CARTRIDGE MAGENTA N/A } HIGH CAPACITY INK CARTRIDGE YELLOW N/A }	
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: 67.5dB(A), Ready mode: 30.0 dB(A), Sleep mode: Background Noise SOUND PRESSURE Operating: 55.3 dB(A), Ready mode: 12.6 dB(A)	
LCD PANELS	22-digit x 5 line LCD	
EPSON SPECIALTY MEDIA (with its suggested applications)	MEDIA TYPE ORDER CODE PHOTO QUALITY INK JET PAPER A4 C13S041786 MATTE PAPER HEAVY WEIGHT A4 C13S041259 DOUBLE-SIDED MATTE PAPER A4 C13S041570 PHOTO PAPER A4 C13S042204 PROFESSIONAL FLYER PAPER C13S042208	

*1 Determined using a cost-per-page (CPP) comparison model against selected comparable colour and black-and-white laser printers available in the market as at August 2008. CPP is calculated from the listed prices and specifications current as at August 2008 and subject to the following:

A) CPP of other printers were compared against Epson's published yield based on the ISO/IEC 24711 and 24712 standard and the corresponding estimated ink cartridge retail price in the market;

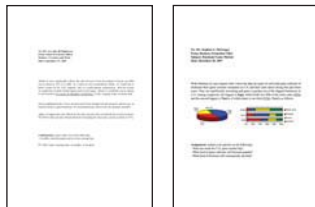
B) Ink cartridge retail prices may vary depending on stores and as such, the CPP calculation may vary depending on what price was used;

C) Specific CPPs of different printers will vary depending on images printed, paper type, frequency of use, humidity and temperature and the CPP should therefore be used as a rough estimate, not as an absolute value; and

D) The CPP of Epson printers are calculated based on the highest capacity Epson cartridge for that model.

*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. Please also note that all ink colours are consumed by the system which may result in a reduction in overall ink quantity even when the end-user prints primarily in black-and-white.

*3 Print speed (PPM) when printed on A4 plain paper in the fastest mode. Print speed may vary depending on system configuration, print mode, document complexity, software, type of paper used and connectivity. Print speed does not include processing time on host computer.



Black Text

Colour Text & Graphics

*4 Recommended monthly volume is 2,000 pages. 10,000 pages is the highest duty a user could expect in one month, based on near constant operation. It is not recommended that this device be ran at that rate. For optimum performance, run the device at the recommended duty cycle.

*5 Recommended monthly volume is 4,000 pages. 20,000 pages is the highest duty a user could expect in one month, based on near constant operation. It is not recommended that this device be ran at that rate. For optimum performance, run the device at the recommended duty cycle.

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