

BUSINESS INKJET

Epson B300/B310N/B510DN

EPSON
EXCEED YOUR VISION

**High-speed,
quality printing**
at a fraction of the cost



**MICRO
PIEZO™**

Epson Micro Piezo™ print head technology is built with extreme durability, delivers amazingly fast print speed and yet is both cost and energy efficient.

- **Enhances business productivity**
Fast print speeds and high-capacity ink cartridge design
- **Lower total cost of ownership like never before**
Impressive long-term savings from low printing costs and energy-efficient features
- **Excellent reliability for seamless operation**
High monthly duty cycle and robust print head technology specially designed for high-volume printing

**High-speed,
quality printing
at a fraction of the cost**

**MICRO
PIEZO™**

The Epson B300/B310N/B510DN offers reliable and affordable printing to meet your business's demand for speed and quality.

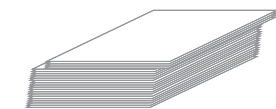


Epson B300/B310N/B510DN

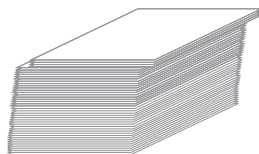
ENHANCES BUSINESS PRODUCTIVITY

High-capacity ink cartridges

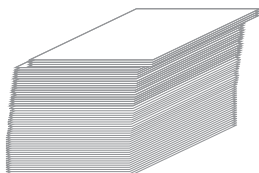
Optimise operational efficiency with these high-capacity ink cartridges. Now you can print high volumes without having to change cartridges as often.



High Capacity Cartridge Yield
Black – up to 4,000 pages¹



High Capacity Cartridge Yield
Colour – up to 7,000 pages¹



Extra High Capacity Cartridge
Black – up to 8,000 pages¹

¹ Epson B510DN only

Fast print speeds



Maximise productivity with fast print speeds of up to 37 pages per minute (ppm) for both black and colour prints². Enjoy laser-quality colour and black prints at an impressive 19 ppm and 18 ppm, respectively.

² Draft mode

Smart paper handling feature

The easy-access dual paper tray (front and rear) holds up to 650 sheets of paper, reducing time spent on loading paper.

In addition, built-in duplex³ printing functionality provides convenient double-sided printing, saving you costs from paper wastage.

³ Duplex unit is built-in for B510DN and is optional for B300/B310N.



LOWER TOTAL COST OF OWNERSHIP LIKE NEVER BEFORE

Highly affordable colour printing costs

Gain impressive long-term savings and significantly reduced operational costs with the printing efficiency of Epson B300/B310N/B510DN.

Epson B510DN's high-capacity ink cartridges make printing a colour document highly affordable at only US\$0.035[#].



[#] For details, pls refer to Specifications.

Comprehensive networked printing for your business

By sharing a single printer easily within your work group via local area network (LAN)⁴, you save on initial set-up costs for your business.



⁴ B310N and B510DN only

Low energy consumption, low environmental impact



Epson B300/B310N/B510DN is Energy Star compliant. Built with Epson's proprietary Micro Piezo™ technology, it lets you print with very low energy consumption, reducing your impact on the environment.

Epson B510DN even consumes up to 89% lesser energy[^] compared to a colour laser printer.

[^] For details, please refer to Specifications.

EXCELLENT RELIABILITY FOR SEAMLESS OPERATIONS

Robust reliability and high performance

Epson B510DN has a maximum monthly duty cycle of up to 20,000 pages. Be assured of long-lasting performance even in the most demanding environment.

What's more, print head replacement becomes a thing of the past with the extremely durable Micro Piezo™ technology, specially designed to last against the high volume print demands that Epson B300/B310N/B510DN printers were built for.

Hassle-free replacement of maintenance box



Unlike conventional inkjet printers, the maintenance box of the Epson B300/B310N/B510DN is designed to be easily replaceable, cutting down the need for time-consuming maintenance checks and service visits.

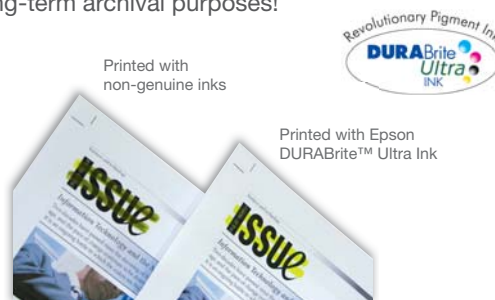
EXTENSIVE MEDIA SUPPORT

Epson B300/B310N/B510DN prints on a very wide range of media and paper sizes (including legal size⁵). From plain paper, envelopes, punched hole paper to special media of up to 256g/m² and even glossy photo media, this printer does it all, answering all your needs from fast crisp text to high-quality, full-colour marketing materials.

⁵ With optional paper cassette

LONG-LASTING PRINTS WITH EPSON DURABRITE™ ULTRA INK

Epson DURABrite™ Ultra Ink delivers water-, smudge- and fade-resistant prints that can even be relied upon for long-term archival purposes!



PARTNERS IN PERFECTION



Epson Projector EB-825

Epson 3LCD Multimedia Projectors

High-power projection solutions that provide reliability and outstanding performance in every environment. 3LCD projectors offer superior colour luminance to produce vivid and sharp colour images.



Epson Scanner GT-S80

Epson Scanners

An efficient partner for all your office document digitisation needs. Simply scan to archive or to share amazing quality images with accurate colour reproduction.

Epson B300/B310N/B510DN

SPECIFICATIONS

Cost-per-print (CPP) was calculated with Epson published yield (refer to *4 below) based on the ISO/IEC 24711/24712 standard and estimated ink cartridge price in the market. Ink cartridge price may vary depending on stores and Epson does not guarantee the CPP.

^ Compared with Typical Electricity Consumption (TEC) value of Epson A4 color single function laser printer. Energy of B-510DN is reference data calculated based on ENERGY STAR TEC Test method criteria. Actual power savings will vary by product model and usage.

*1 Maximum pages per minute (PPM) are measured after first page with text patterns in draft mode on plain paper. Laser quality black and colour print speeds are determined in default, single-side mode in accordance with ISO/IEC 24734. Actual print times will vary based on system configuration, software and print pattern complexity. See www.epson.com for details, including complete ISO reports.

*2 Monthly duty cycle is the highest duty a user could expect in a month, based on near-constant operation of a device of this kind. It is not recommended that the device be run at this duty. For best device performance run the device at the recommended monthly volume (B300/B310N: 2,000 pages & B510DN: 4,000 pages).

*3 Weight excluding ink cartridge

*4 In accordance with ISO24711/24712. Actual yields will vary considerably for reasons including images printed, print settings, temperature and humidity. Yields may be lower when printing infrequently or predominantly with one ink colour. A variable amount of ink remains in the cartridges after the "replace cartridge" signal. Part of the ink from the first cartridges is used for priming the printer. Ink is used for both printing and print head maintenance. All inks are used for both black and colour printing.

CONSUMABLES PRODUCT CODE

Maintenance box	C13T61900
Black Ink Cartridge	C13T618100 (Extra-high Cap) C13T617100 (High Cap) C13T616100 (Standard Cap)
Cyan Ink Cartridge	C13T617200 (High Cap) C13T616200 (Standard Cap)
Magenta Ink Cartridge	C13T617300 (High Cap) C13T616300 (Standard Cap)
Yellow Ink Cartridge	C13T617400 (High Cap) C13T616400 (Standard Cap)

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MODEL NUMBER PRODUCT CODE	B300 C11CA03551	B310N C11CA67811	B510DN C11CA67411
PRINTER TYPE PRINTING TECHNOLOGY PRINT HEAD NOZZLE CONFIGURATION MINIMUM INK DROPLET VOLUME INK RESOLUTION MAXIMUM PRINT SPEED ^{*1} LASER QUALITY PRINT SPEED ^{*1} MAXIMUM MONTHLY VOLUME ^{*2}	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 Draft 37 / 37 ppm 19 / 18 ppm Up to 10,000 pages Up to 10,000 pages Up to 20,000 pages		
CONTROLLER SPECIFICATIONS MEMORY PRINTER CONTROL LANGUAGE EMULATIONS	32MB ESC/P-Raster, ESC/P2 (monochrome only and with font limitation)		
INTERFACES AND CONNECTIVITY	High Speed USB 2.0 100Base-TX/10Base-T Ethernet interface		
MEDIA HANDLING STANDARD PAPER INPUT PAPER SIZE PAPER WEIGHT/THICKNESS EPSON MEDIA SUPPORTED PAPER OUTPUT STANDARD/MAXIMUM	650 sheets (150 Rear ASF + 500 Front Paper Cassette), Paper weight 64g - 75g/m ² A4, A5, A6, B5, LT, HLT, LGL, GLG, EXE, C6, DL, #10 custom: 50.8 - 215.9mm x 127 - 1117.6mm 64 - 90 g/m ² (Plain Paper), 91 - 256 g/m ² (Thick Plain Bond Paper) 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), Photo Quality Self Adhesive Sheet (A4), Professional Flyer Paper (A4), Photo Paper (A4, 4 x 6, 5 x 7) A4 Plain paper: 170 Sheet (face up)		
POWER REQUIREMENTS RATED VOLTAGE/FREQUENCY/CURRENT POWER CONSUMPTION ENERGY STAR COMPLIANT	Rated power supply Voltage: AC 220V - 240V Input Voltage range: AC 198V - 264V, Rated current 0.4A Maximum rated current 0.6A Rated frequency: 50Hz - 60Hz Input frequency range: 49.5 - 60.5Hz 220 - 240V Printing: 30W 220 - 240V Printing: 30W, Ready: 7.0W Ready: 8.0W, Sleep mode: 2.8W Power Off: 0.6W		
MINIMUM SYSTEM REQUIREMENT & OPERATING SYSTEM (OS) SUPPORT SYSTEM REQUIREMENT WINDOWS SUPPORT MAC SUPPORT	Win2000, XP: Processor: Pentium III 500MHz RAM: 256 MB, Hard Disk: 500MB WinXP x64, Vista, 7, Server 2003, Mac OS X 10.3.9 or later: Refer to OS recommended requirements Interface: USB2.0, IEEE802.3 (100 Base-TX/10BASE-T) Win2000 / XP / XPx64 Edition, Win Server 2003 / Server 2003 x64 Edition, Win Server 2008 / Server 2008 x64 Edition, Win Vista / Vista x64 Edition, Win 7 / 7x64 Edition OS 10.3.9 or later		
ADDITIONAL SOFTWARES DRIVERS SOFTWARE	Printer Driver, Epson Status Monitor 3, Reference Guide, Paper Jam Guide Web-To-Page Web-To-Page, EpsonNet-Print, EpsonNetConfig (Win) (Web), EpsonNetEasyInstall, Epson Network Utility		
DIMENSIONS AND WEIGHT (W X D X H MM, KG)^{*3}	480 x 420 x 312 - 9.85kg 480 x 420 x 312 - 9.95kg 480 x 489.0 x 312 - 10.7kg Duplex Unit: 312.8 x 162.1 x 91.2 - 0.9kg (Optional for B300 & B310N)		
CONSUMABLES EXTRA-HIGH CAPACITY INK CARTRIDGE BLACK HIGH CAPACITY INK CARTRIDGE BLACK HIGH CAPACITY INK CARTRIDGE CMY STD CAPACITY INK CARTRIDGE BLACK STD CAPACITY INK CARTRIDGE CMY MAINTENANCE BOX	N/A N/A N/A 3,000 pages ^{*4} 3,500 pages ^{*4} 35,000 8,000 pages ^{*4} 4,000 pages ^{*4} 7,000 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: 67.5dB(A) Operating: 56dB(A) Ready mode: 30.0 dB(A) Ready mode: Background Noise Sleep mode: Background Noise Operating: 7.0 dB(A) Ready mode: Background Noise Sleep mode: Background Noise		
LCD PANELS	16 character x 2 line LCD		