**B-500DN**

Business Color Ink Jet Printer

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**Powerful, color printing productivity for network environments.**

- **Network printing you can depend on** — a new era in affordable, reliable color printing
- **Fast speeds for busy workgroups or classrooms** — up to 37 pages per minute (draft speed)
- **Individual, high-yield ink cartridges** — print about 8,000 pages (black) and 7,000 pages (color) before replacing cartridges (when using the highest capacity ink cartridges available for the printer)
- **Economical ink cost per page** — as low as 4¢ per color page (when using the highest capacity ink cartridges available for the printer)
- **Share one printer among multiple classrooms or workstations** — Ethernet connectivity makes it easy
- **High-capacity paper tray** — front-loading cassette holds up to 500 sheets
- **Paper-saving double-sided printing** — automatic duplexer included
- **Easy maintenance** — advanced auto nozzle check system minimizes clogging automatically
- **Greater color productivity** — monthly duty cycle of 20,000 pages (4,000 recommended) for high-volume, network color printing

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<table>
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<tr>
<th>Product Name</th>
<th>Product Code</th>
<th>UPC</th>
<th>ISO Page Yields</th>
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B-500DN
Business Color Ink Jet Printer

SPECIFICATIONS†

Printing Technology
Epson MicroPiezo® ink jet technology

Resolution
Up to 5760 x 1440 dpi

Ink Type
Epson DURABrite® Ultra Ink

Maximum Print Speeds
Draft mode: 37 ppm black and color
Default mode: 33 ppm black and 32 ppm color
Best mode: 5 ppm black and 5 ppm color
First page out: Less than 3 seconds in Mono/Color draft mode

High-yield Ink Cartridges
Standard-capacity (C/M/Y): about 3,500 pages
High-capacity (C/M/Y): about 7,000 pages
Extra high-capacity (K): about 8,000 pages

Input Paper Capacity
Front paper cassette: Up to 500 letter-size sheets (plain paper)
Rear automatic sheet feeder: Up to 150 letter-size sheets (plain paper)
Up to 60 legal-size sheets (plain paper), with optional support

Output Paper Tray Capacity
Plain paper: Letter size – up to 170 sheets
Legal size – up to 100 sheets
Envelopes: up to 15

Paper Sizes
Letter (8.5” x 11”), A4 (8.3” x 11.7”), Legal (8.5” x 14”), 8” x 10”, 4” x 6”, 16” x 9” (4” x 7.11”), Envelope #10 (4.125” x 9.5”), Legal size – up to 100 sheets
Letter size – up to 170 sheets

Paper Types

Paper Weight
Plain paper: 17 – 24 lb or 64 – 90 g/m² (weight); 0.08 – 0.11 mm (thickness)
Double-sided Matte Paper: up to 51 lb or 190 g/m² (weight); 0.25 mm (thickness)

Duplex Printing
Automatic duplex unit included for double-sided printing

Controller Specifications
Memory: 32MB
Printer control language emulations: ESC/P-Raster, ESC/P2 and PCL3 (available November 2008)
Resident typefaces: (available November 2008)

Connectivity
Hi-Speed USB 2.0
Network interface: 100Base-Tx/10Base-T Ethernet
Network Printing Protocol: TCP/IP, LPR, PORT9100

Operating Systems
Mac OS® 10.3.9 or later
For the latest information regarding Mac drivers, visit www.epson.com/B500dnmac in the U.S. and in Canada visit www.epson.ca/B500dnmac

Power Consumption
Print mode: approximately 32 W
Ready mode: approximately 8 W
Sleep mode: approximately 4.5 W

LCD Panel
22 digit x 5 line LCD
3 LEDs
6 buttons

Environmental Conditions
Temperature
Operating: 50 °F to 95 °F (10 °C to 35 °C)
Storage: -4 ° to 104 °F (-20 ° to 40 °C)

Relative Humidity
Operating: 20 – 80%
Storage: 5 – 85% (without condensation)

Dimensions (W X D X H)
18.9” x 19.3” x 12.3”

Weight
29.63 lb (13.44 kg)

Sound Level
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: 29.6 dB(A)

Warranty
Epson Exchange one-year limited warranty

Estimated Street Price — $549

Monthly Duty Cycle1
Monthly duty cycle of 20,000 pages
(recommended monthly volume of 4,000 pages)

Power Requirements
Rated voltage: 120 VAC
Rated frequency: 50 – 60 Hz
Rated current: 1.1 A maximum

Power Supply
AC 120V, 60Hz 1A

Memory: 32MB

Controller Specifications

Printers 1.1

Automatic duplex unit included for double-sided printing

Controller Specifications
Memory: 32MB
Printer control language emulations: ESC/P-Raster, ESC/P2 and PCL3
Resident typefaces: compatible with all TrueType® fonts and supported Windows® and Macintosh® fonts

Connectivity
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Network interface: 100Base-Tx/10Base-Tx Ethernet
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1PPM speeds measured after first page, based on black and color text patterns on plain paper, in print mode indicated. Additional print time will vary based on system configuration, software application and page complexity. See www.epson.com/printspeed for more information about print speeds.

2Cost per page is the combined cost of black and three colors, derived from the ink cartridge MSRP divided by cartridge yield. Cartridge yields are based on continuous printing of a suite of five black and color pages as required by ISO/IEC 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 color. 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 color printing. The B-500DN ships with standard-capacity ink cartridges. For more information about yields, see www.epson.com/cartridgeinfo

3Monthly 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 duty.

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