



AT A GLANCE

300 DPI

Print resolution

203 mm/s

Max. print speed (8 ips)

104 mm

Max. print width (4.09")

600 m

Ribbon capacity

BC-LP4600

4" Industrial Thermal Transfer Barcode Label Printer

300 DPI · THERMAL TRANSFER / DIRECT THERMAL · USB + SERIAL + LAN



- ☐ **Industrial 4-inch printing**
Up to 104 mm print width for shipping, carton and pallet labels.
- ☐ **Thermal transfer & direct thermal**
Durable ribbon labels or ribbon-free direct thermal.
- ☐ **600 m ribbon, 8" label rolls**
Long print runs with fewer media changes.
- ☐ **128 MB RAM / 128 MB flash**
Standard SD card slot and optional real-time clock.
- ☐ **Up to 8 ips (203 mm/s)**
High-volume output for warehouse and production lines.
- ☐ **3.5" LCD display**
320 × 480 screen with menu, feed and navigation keys.
- ☐ **USB, Serial and LAN**
Connect to a PC or share on the network.
- ☐ **TSPL, ZPL, EPL, DPL**
Works with existing label templates and software.

Specifications

BC-LP4600 · 300 DPI

GENERAL

Brand	BlackCopper
Model	BC-LP4600
Resolution	300 DPI (12 dots/mm)
Interfaces	USB, Serial, LAN (Ethernet)
Display	3.5" LCD, 320 × 480 pixels

PRINTING

Printing method	Thermal transfer / direct thermal
Max. print speed	Up to 8 ips (203 mm/s)
Max. print width	104 mm (4.09")
Printer languages	TSPL, ZPL, EPL, DPL

MEDIA

Media types	Continuous, gap, black mark, fan-fold, perforated
Media width	20–120 mm (0.78"–4.7")
Media length	10–889 mm (0.39"–35")
Media thickness	0.06–0.254 mm (0.0023"–0.01")
Media roll	203 mm (8") outer diameter 25.4 mm (1") core

RIBBON

Max. ribbon length	600 m (1,968 ft)
Ribbon width	20–110 mm (0.78"–4.3")
Ribbon outer diameter	91 mm (3.58")
Ribbon core	25.4 mm (1")

HARDWARE

Memory	128 MB RAM 128 MB flash
Media sensors	Movable black mark sensor Movable gap sensor
Memory card	Standard SD card slot
Real-time clock	Optional

Fonts, BARCODES & GRAPHICS

Fonts & graphics	Font 0 – Font 8
1D barcodes	Code 39, Code 93, Code 128UCC, Code 128 subsets A, B, C, Codabar, Interleaved 2 of 5, EAN-8, EAN-13, EAN-128, UPC-A, UPC-E, EAN and UPC 2(5) digits add-on, MSI, Plessey, POSTNET, China POST, GS1 DataBar, Code 11
2D barcodes	PDF-417, MaxiCode, DataMatrix, QR Code, Aztec

SOFTWARE

Drivers	Windows, Linux, Mac, Android, Chrome OS
Label software	BarTender UltraLite

DURABILITY

Printhead life	30 km
Platen roller life	30 km

PHYSICAL & ENVIRONMENT

Dimensions	504 × 257 × 297 mm (D × W × H)
Weight	11 kg
Operating	5–40 °C (41–104 °F) 25–85% humidity, non-condensing
Storage	–40–60 °C (–40–140 °F) 10–90% humidity, non-condensing

IN THE BOX

- Power cord
 - USB cable
 - User manual
 - CD
 - 2 ribbon spindles
 - Test ribbon
 - Ribbon paper core
 - Test label roll

THIS MODEL

BC-LP4600

USB + Serial + LAN

300 DPI

Print resolution

203 mm/s

Max. print speed (8 ips)

3.5" LCD

320 × 480 display

USE WITH

Thermal transfer ribbon

20–110 mm wide · up to 600 m · 1"

core

Label rolls

20–120 mm wide · up to 8" (203 mm)

roll

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A Taiwan brand