Industrial 4" High Performance Thermal Label Printer
Low Cost of Operation
Designed for Scalability and Flexibility
RFID Ready
Low Maintenance
Energy Star Certified

B-EX4T1
B-EX4T1

STANDARD FEATURES
- Near edge print head design
- Thermal transfer or direct thermal
- Models in 203 dpi, 305 dpi
- 32MB DRAM, 16MB Flash
- Dual ribbon motor
- Ribbon capacity – 800 meter
- Maximum speed - 14 ips
- ZPL II® emulation
- ENERGY STAR certified
- Long head life – 3 million linear inches¹
- Snap-in user upgradeable print heads
- XML enabled Printing
- Rugged metal construction
- RFID ready

KEY SELLING FEATURES

Performance Leader
- Best in class print speed, large DRAM & flash memory
- High reliability designed for industrial printing

Low TCO (Total Cost of Operation)
- Dual Ribbon Motor System
  - Ensures better ribbon handling
  - Eliminates ribbon wrinkling or unusable, unscannable labels
- Long-lasting print head
  - Supports up to 3 million linear inches¹
  - Less user intervention and print head replacement cost
- Large 800 meter ribbon
  - Minimize user intervention
- Ribbon Save Mode
  - Eliminate ribbon wastage
- ENERGY STAR
  - Low energy consumption in idle and print mode
  - Substantial energy and cost savings

Flexibility
- User installable snap-in print heads
  - 203 to 305 dpi interchangeable print heads without tools
  - Auto print head detection
  - Easy service and maintenance
- Emulation Technology
  - ZPL II® emulation standard
  - Seamless integration into existing environments
- Scalable with RFID upgradability
  - Protect investment and support RFID growth initiatives

Ease of Use
- Easy ribbon and media loading
  - Designed for single step loading without threading or multiple steps
  - Ensures maximum uptime
- Network Printer Management Tool
  - Monitor and control printers from desktop

Models
- B-EX4T1-GS (203 dpi)
- B-EX4T1-TS (305 dpi)

Printer Specifications

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<th>Technology</th>
<th>Thermal transfer/ Direct thermal</th>
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<td>Resolution</td>
<td>203 dpi (8 dots/mm), 305 dpi (12 dots/mm)</td>
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<td>Print Speed (Maximum)</td>
<td>203 dpi: 14 ips (350 mm/sec) 305 dpi: 14 ips (356 mm/sec)</td>
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<tr>
<td>Memory</td>
<td>DRAM - 32MB, Flash - 16MB</td>
</tr>
<tr>
<td>Graphic Display</td>
<td>128 x 64 pixel</td>
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<tr>
<td>Print Length</td>
<td>58.9&quot;</td>
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<td>Print Width</td>
<td>4.09&quot;(104 mm)</td>
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<td>Media Sensors</td>
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<td>Media Sensors</td>
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Options and Accessories
- Ribbon Save Mode
- Rotary cutter, Disc cutter
- Peel off with liner rewind
- Partial roll rewind (internally rewinds)
- RFID (UHF) Module

Bar Code Symbologies
- Linear Bar Codes:
  - JAN8, JAN13, EAN8, EAN8+2 digits, EAN8+5 digits, EAN13, EAN13+2 digits, EAN13+5 digits, UPC-E, UPC-E+2 digits, UPC-E+5 digits, UPC-A, UPC-A+2 digits, UPC-A+5 digits, MSI, ITF, NW-7, CODE11, CODE12, EAN128, EAN128, Industrial 2 to 6, Customer Bar Code, POSTNET, KIX CODE, RM4SCC (ROYAL MAIL 4 STATE CUSTOMER CODE), GS1
- 2 – Dimensional:
  - Data Matrix, PDF417, QR code, Maxi Code, Micro PDF417, CP Code

Environmental

| Operating Temperature | 40°F - 104°F (5°C - 40°C) |
| Operating Humidity    | 25 - 85 % RH (non- condensing) |
| Power Consumption     | Printing Mode: 116W, .59A Stand-By Mode: 15W or less Sleep Mode: 5.7W, .09A |
| Physical Dimensions   | (W x H x D) 10.9” x 12.2” x 18.11” (278 mm x 310mm x 460mm) |
| Weight                | 36.7 lbs./17 kg |
| Weight Shipping       | 41.9 lbs./19Kg |

¹ Print head warranty: 1 year or 3 million inches, whichever comes first under thermal transfer printing and the use of Toshiba recommended media.

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