> Industrial 4" Thermal Label Printer

> Low Cost of Operation

> Designed for Scalability and Flexibility

> Low Maintenance

> Energy Star Certified

**TOSHIBA**

B-EX4T2
Label Printer
Power in Printing

> **B-EX4T2**

# ›B-EX4T2

## TOSHIBA
### Leading Innovation ›››

## STANDARD FEATURES

- › **Flat edge print head design**
- › **Thermal transfer or direct thermal**
- › **Models in 200 dpi, 300 dpi, 600 dpi**
- › **32MB DRAM, 16MB Flash**
- › **Dual ribbon motor**
- › **Ribbon capacity – 600 meter**
- › **Maximum speed - 12 ips**

- › **ZPL II® emulation**
- › **ENERGY STAR certified**
- › **Long head life – 3 million linear inches[1]**
- › **Snap-in user upgradeable print heads**
- › **XML enabled Printing**
- › **Rugged metal construction**

## 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 inches[1]
  Less user intervention and print head replacement cost

- • Large 600 meter ribbon
  Minimize user intervention

- • ENERGY STAR
  Low energy consumption in idle and print mode
  Substantial energy and cost savings

### Flexibility
- • User installable snap-in print heads
  200 to 300 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[2]
  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-EX4T2-GS (200 dpi), B-EX4T2-TS (300 dpi), B-EX4T2-HS (600 dpi),
B-EX4D2-GS (200 dpi Direct Thermal)

## Printer Specifications

| | |
|---|---|
| Technology | Thermal transfer/ Direct thermal |
| Resolution | 200 dpi (8 dots/mm), 300 dpi (11.6 dots/mm) |
| Print Speed (Maximum) | 200 dpi: 12 ips (300 mm/sec), 300 dpi: 12 ips (305 mm/sec), 600 dpi: 6 ips (152 mm/sec) |
| Memory | DRAM - 32MB, Flash - 16MB |
| Graphic Display | 128 x 64 pixel |
| Print Length | 58.9" |
| Print Width | 4.09"(104 mm) |

## Media

| | |
|---|---|
| Ribbon Length | 600M |
| Ribbon Core Diameter | 1.01" ± 0.008" (Ø25.7± 0.2mm) |
| Ribbon Outer Diameter | 3.45" (90mm) |
| Media Sensors | Adjustable reflective (Black Mark) |
| | Adjustable transmissive (Gap, Notch, Hole) |
| | Disable (Continuous media) |
| Media Length | .31"-58.9" (8.0mm – 1498mm) |
| Media Width | .98"-4.72" (25.0mm – 120mm) (including backing) |
| Media Thickness | Label: .003"-.007" (.08mm - .17mm) |
| | Tag: .003"-.010" (.08mm - .263mm) |
| Programming Languages | TPCL (TOSHIBA Print Command Language) |
| | ZPL (Zebra Programming Language) |
| Interfaces Standard | USB 2.0, Ethernet |
| Interfaces Optional | Wireless or Serial, Parallel, Expansion I/O, RTC (real time clock) and USB |
| Options and Accessories | Disc cutter |
| | Peel off with liner rewind |
| | Partial roll rewind (internally rewinds) |
| | RFID (UHF )Module |
| | 300 dpi thermal head |
| 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, CODE39, CODE93, CODE128, EAN128, Industrial 2 to 5, Customer Bar Code, POSTNET, KIX CODE, RM4SCC (ROYAL MAIL 4 STATE CUSTOMER CODE), GS1 DataBar |
| 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 |

| | |
|---|---|
| **Corporate Office** | 2 Musick, Irvine, CA 92618-1631 |
| | Tel: 949-462-6000 |
| East Coast | 959 Route 46 East, 5th Floor, Parsippany, NJ 07054 |
| | Tel: 973-3136-2700 |
| Midwest | 8770 W. Bryn Mawr Ave., Suite 700, Chicago, IL 60631 |
| | Tel: 773-380-6000 |
| South | 2037 Bakers Mill Rd., Dacula, GA 30019 |
| | Tel: 678-546-9385 |
| West Coast | 142 Technology, Suite 150, Irvine, CA 92618 |
| | Tel: 949-462-6262 |
| Web Site | www.business.toshiba.com |

[1] Print head warranty: 1 year or 3 million inches, whichever comes first under thermal transfer printing and the use of Toshiba recommended media.
[2] Not available at launch.

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