

# THE PERFORMANCE LEADER IN THERMAL BARCODE PRINTERS



# LEADING INNOVATION. OUTSTANDING PERFORMANCE.

Toshiba thermal barcode printers are the perfect solution for your business-critical labeling applications. From receipts to tags, barcode shipping labels to specialized custom labels, our printers have become the leading choice across the world for professional, in-house labeling.

## Performance you've come to expect

Our wealth of experience leads to innovative products which are backed by an extensive technical support network. You get outstanding products with exceptional user benefits and Toshiba brand reliability.



## INDUSTRIES AND APPLICATIONS

### Industrial/Manufacturing

Product, carton, pallet, process tracking labels

### Transportation/Logistics

Shipping, route sorting, bin labels

### Retail (In-Store and DCs)

Shelf marking, price tag/label, markdown label

### Healthcare

Wristband, specimen, prescription bottle labels

### Commercial Service

Event ticket, receipt, inspection label/tag

### Additional

Asset label, compliance label, mobile/remote label/tag. The platform allows software solutions to be integrated with Toshiba systems so you can increase productivity and better manage your workflow.

## CONSUMABLES

Consumables are one of the most vital areas to be addressed with any barcode printer solution. Ensure the highest print quality and maximize print head life by using only Toshiba certified ribbons. All Toshiba certified ribbons are designed to provide high quality print, reduce wear on the print head, and ensure optimal performance when printing with a Toshiba thermal barcode printer.

The information provided on recommended media and applications is for general guidelines only. These ribbons can be utilized for many other applications. However, tests must be conducted to provide the correct combination of labels and ribbons. Failure to use Toshiba approved consumables can result in invalidating the print head warranty.



# PORTABLES | B-EP2/B-EP4 & B-FP3

## KEY BENEFITS:

- Rugged compact design
- High endurance Li-ion battery life
- Broad connectivity

## KEY APPLICATIONS:

- Retail in aisle shelf labeling, DC pallet or aisle
- Route accounting, delivery receipts
- Field service receipts/tickets, eCitation



## KEY FEATURES:

Type	Direct Thermal	Direct Thermal	Direct Thermal
Model	B-EP2 (2", 203 dpi)	B-FP3 (3", 203 dpi)	B-EP4 (4", 203 dpi)
Max Speed	4 IPS	6 IPS	4 IPS
Connectivity (Standard)	IrDA,USB, RS232 IrDA,USB, Bluetooth IrDA,USB, Wireless	USB, Bluetooth USB, Wireless	IrDA,USB, RS232 IrDA,USB, Bluetooth IrDA,USB, Wireless
Printer Languages	Toshiba (TPCL, LABEL, RECEIPT), ESC/POS, BCI (function)	Toshiba (TPCL), Zebra, CPCL, ESC/POS	Toshiba (TPCL, LABEL, RECEIPT), ESC/POS, BCI (function)
Options	Battery, Battery Charger, Linerless Kit, AC & DC Adapter, Shoulder Strap	Battery, Battery Charger, Linerless Kit, AC & DC Adapter, Shoulder Strap	Battery, Battery Charger, Linerless Kit, AC & DC Adapter, Shoulder Strap
Weight	1.06 lbs	1.54 lbs	1.90 lbs
Dimension (W x H x D)	3.46" x 4.68" x 2.56"	4.0" x 3.0" x 4.9"	5.9" x 5.7" x 3"
Ruggedness (drop spec)	1.8m (6ft) height to rear and bottom surface each 1 time, 1.5m (5ft) 5 times on any angle	1.6m (5.3ft) height to rear and bottom surface each 1 time	1.5m (5ft) height to rear and bottom surface each 1 time, or 1.2m (4ft) 5 times on any angle
IP Rating	IP54	IP54	IP54

# ENTRY LEVEL | B-FV4D/4T series

## KEY BENEFITS:

- Affordable price
- Compact desktop for Low volume label printing
- Broad standard connectivity (USB, Ethernet, Bluetooth, Wireless)
- Emulations support (Zebra, Eltron, Datamax, Intermec)

## KEY APPLICATIONS:

- Shipping, bin, or product ID labels in production
- Courier, transportation, logistics tickets/labels
- Prescription, pharmacy, lab/specimen labels

## KEY FEATURES:

Type	Direct Thermal	Thermal Transfer
Model	B-FV4D-GS (4", 203 dpi) B-FV4D-TS (4", 300 dpi) B-FV4D-GH Courier (4", 203 dpi) B-FV4D-GL Linerless (4", 203 dpi)	B-FV4T-GS (4", 203 dpi) B-FV4T-TS (4", 300 dpi)
Max Speed	6 IPS/4 IPS (203 dpi/300 dpi)	6 IPS/4 IPS (203 dpi/300 dpi)
Connectivity (Standard)	USB, Ethernet	USB, Ethernet
Ribbon Length (M)	Not Applicable	300M
Printer Languages	Toshiba, Zebra, Eltron, Datamax, Intermec*	Toshiba, Zebra, Eltron, Datamax, Intermec*
Options	Cutter, Peel Mode, External 8" OD Media Input	Cutter, Peel Mode, External 8" OD Media Input
Weight (lbs)	3.8 - 4.9	5.3
Dimension (W x H x D)	7.2" x 8.9" x 6.5"	8.7" x 7.2" x 11"



\*Intermec 200 dpi

## MID RANGE | B-SA4TP & B-SA4TM series

### KEY BENEFITS:

- Commercial or industrial printer for mid volume label printing
- Choice of rugged metal frame or plastic frame models
- Ergonomic front opening, top loading compact desktop design
- User replaceable printhead & platen

### KEY APPLICATIONS:

- Warehouse shipping, bin or pallet labels
- Document & record labels
- Courier, transportation, logistics tickets/labels
  - Insurance files, medical records, asset tracking



### KEY FEATURES:

Type	Direct Thermal or Thermal Transfer	Direct Thermal or Thermal Transfer
Model	B-SA4TP-GS (4", 203 dpi) Plastic Case B-SA4TP-TS (4", 300 dpi) Plastic Case	B-SA4TM-GS (4", 203 dpi) Metal Case B-SA4TM-TS (4", 300 dpi) Metal Case
Max Speed	6 IPS	6 IPS
Connectivity (Standard)	USB, Parallel, Ethernet	USB, Parallel, Ethernet
Ribbon Length (M)	450m	450m
Printer Language	Toshiba (TPCL), Zebra	Toshiba (TPCL), Zebra
Options	Cutter, Peeler/Dispenser	Cutter, Peeler/Dispenser
Weight (lbs)	28	33.1
Dimension (W x H x D)	9.4" x 13.1" x 15.8"	9.4" x 13.1" x 15.8"

## MID RANGE | B-452TS/ B-452HS & B-852 series

### KEY BENEFITS:

- Compact industrial printer for mid volume label printing
- Rugged frame with industrial swing cutter option
- External large media roll input
- User replaceable printhead & platen

### KEY APPLICATIONS:

- Warehouse shipping, bin or pallet labels
- In-store shelf labels or promotion item labels
- Production or assembly line product labeling
  - Inventory management, cross docking



### KEY FEATURES:

Type	Direct Thermal or Thermal Transfer
Model	B-452-TS (4", 300 dpi)
Max Speed	B-452-TS (4 IPS)
Connectivity (Standard)	B-452-TS22 (USB, Parallel, Ethernet)
Ribbon Length (M)	300m
Printer Language	Toshiba (TPCL)
Options	Cutter, Peel Mode
Weight (lbs)	11.5
Dimension (W x H x D)	10.5" x 9.6" x 7.8"

## MID RANGE | B-EX4T2 series

### KEY BENEFITS:

- Industrial printer for mid to high volume label printing
- Rugged metal frame with flat edge head technology
- Low TCO (total cost of operation)
  - Long head life, large ribbon capacity, low maintenance
  - User replaceable printhead & platen

### KEY APPLICATIONS:

- Warehouse shipping, bin or pallet labels
- Distribution centers receiving/shipping, cross docking
- Courier, transportation, logistics tickets/labels
- Food processing/distribution, item labeling



### KEY FEATURES:

Type	Direct Thermal or Thermal Transfer	Direct Thermal
Model	B-EX4T2GS (4", 200 dpi) Metal Case B-EX4T2TS (4", 300 dpi) Metal Case B-EX4T2HS (4", 600 dpi) Metal Case	B-EX4D2GS (4", 200 dpi) Metal Case
Max Speed	12 IPS (200/300 dpi), 6 IPS (600 dpi)	12 IPS
Connectivity (Standard)	USB, Ethernet	USB, Ethernet
Ribbon Length (M)	600M	Not Applicable
Printer Language	Toshiba (TPCL), Zebra	Toshiba (TPCL), Zebra
Options	Cutter Peel with Partial Rewinder RFID Module	Cutter Peel with Partial Rewinder
Weight (lbs)	36.7	36.7
Dimension (W x H x D)	10.9" x 12.2" x 18.1"	10.9" x 12.2" x 18.1"

## HIGH PERFORMANCE | B-EX4T1 series

### KEY BENEFITS:

- Industrial printer for high volume label printing
- Rugged metal frame with near edge head technology
- Low TCO (total cost of operation)
  - Long head life, large ribbon capacity, low maintenance
  - User replaceable printhead & platen

### KEY APPLICATIONS:

- Warehouse shipping, bin or pallet labels
- Distribution centers receiving/shipping, cross docking
- Courier, transportation, logistics tickets/labels
- Food processing/distribution, item labeling



### KEY FEATURES:

Type	Direct Thermal or Thermal Transfer
Model	B-EX4T1GS (4", 203 dpi) Metal Case B-EX4T1TS (4", 305 dpi) Metal Case
Max Speed	14 IPS
Connectivity (Standard)	USB, Ethernet
Ribbon Length (M)	800M
Printer Language	Toshiba (TPCL), Zebra
Options	Cutter Peel with Partial Rewinder Ribbon Save RFID Module
Weight (lbs)	36.7
Dimension (W x H x D)	10.9" x 12.2" x 18.1"

# HIGH PERFORMANCE | EX6, SX8 series

## KEY BENEFITS:

- Industrial printer for wide format, high volume label printing
- Rugged metal frame. Bi-Fold Door, Damper (EX6)
- Ribbon save features
- Supports large format & specialty labels

## KEY APPLICATIONS:

- Warehouse aisle or pallet labels
- Distribution centers receiving/shipping, cross docking
- Retail special sales item signs & aisle labels
- Chemical container, large appliances & specialty products



## KEY FEATURES:

Type	Direct Thermal or Thermal Transfer
Model	B-EX6 (6", 203 or 305 dpi) Metal Case with Bi-fold door B-SX8 (8", 205 dpi) Metal Case
Max Speed	B-EX6 (12 IPS) B-SX8 (8 IPS)
Connectivity (Standard)	B-EX6 (USB, Ethernet) B-SX8 (Serial, Parallel, USB, Ethernet)
Ribbon Length (M)	B-EX6 (800M, 5.28" width), (600M, 6" width) B-SX8 (300M)
Printer Language	B-EX6 Toshiba (TPCL), Zebra (ZPL), Datamax (DPL) B-SX8 Toshiba (TPCL)
Options	Cutter, Peel, RFID (B-EX6T1), Ribbon Save (SX8)
Weight (lbs)	B-EX6 (44.1) B-SX8 (55.1)
Dimension (W x H x D)	B-EX6 (13.0" x 18.1" x 12.2") B-SX8 (16.4" x 15.6" x 11.4")

# SPECIALITY | DB-EA4D

## KEY BENEFITS:

- Two sided printer for shipping label and packing list
- Designed to streamline eCommerce fulfillment shipping
- Direct Thermal, 203 DPI
- Easy self aligned media loading

## KEY APPLICATIONS:

- Warehouse/eCommerce Distribution Center shipping
- Service, Returns Processing Centers
- Reverse Logistics

## KEY FEATURES:

Type	Direct Thermal
Model	DB-EA4D (4", 203 dpi), Metal Case
Max Speed	6 IPS
Connectivity (Standard)	USB, Parallel, Ethernet
Language	GDI (Graphics Device Interface)
Options	External media roll input hopper
Weight (lbs)	16.5
Dimension (W x H x D)	9.5" x 9.3" x 8.9"



**Corporate Office** 9740 Irvine Blvd., Irvine, CA 92618 | 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** 9740 Irvine Blvd., Irvine, CA 92618 | Tel: 949-462-6262  
**Web Site** [www.business.toshiba.com](http://www.business.toshiba.com)