

TOSHIBA

> B-EX6T

- > Industrial 6" High Performance Thermal Label Printer
- > New Edge or Flat Head Technology
- > Designed for Large Format Labels
- > Low Cost Of Operation
- > RFID Ready



B-EX6T



STANDARD FEATURES

- Rugged metal frame with space saving Bi-Fold Door and damper
- Near Edge or Flat edge print head models
- Thermal transfer or direct thermal
- Models in 203 or 305 dpi
- 32MB DRAM, 64MB Flash
- Dual ribbon motor
- Ribbon capacity 800 meter
- Maximum speed – 12 ips
- ZPL II® (Zebra), DPL® (Datamax) emulation
- ENERGY STAR certified
- Long head life – 3 million linear inches
- Snap-in user upgradeable print heads or platen

KEY SELLING FEATURES

Value Leader for Wide Format labeling

- Best in Class with comprehensive features
- Fast speed Near Edge head technology with Ribbon Save

Low Total Cost of Operation (TCO)

- Dual Ribbon Motor System
 - Ensures better ribbon handling
 - Eliminates ribbon wrinkling or unscannable labels
- Large 800 meter¹
 - Minimize frequent user interventions
- Long lasting print head
 - Supports up to 3 million linear inches³
- Ribbon Save
 - Eliminate ribbon wastage
- ENERGY STAR
 - Low energy consumption in idle and print mode
 - Substantial energy and cost savings

Flexibility

- User installable print heads & platen
 - Easy 203 to 305 dpi interchangeable print heads.
 - Auto print head detection with no settings or firmware flash
- Emulation
 - Built- In ZPL II® emulation standard
 - Easy Setting Tool utility for emulation switching
- OpenType Fonts (OTF) supports
 - Enable multi language label printing
- Scalable RFID Module
 - RFID UHF Gen 2 encoding option

Ease of Use and Maintenance

- Space saving Bi-Folded Door and cover damper
- Front access USB with Real Time Clock (RTC)
 - Convenient firmware download
- Easy media and ribbon loading

Models	B-EX6-T1	B-EX6-T3
Head Type	Near Edge	Flat
Printer Specification		
Technology	Thermal Transfer/Direct Thermal	Thermal Transfer/Direct Thermal
Resolution	203 dpi (8 dots/mm) 305 dpi (12 dots/mm)	203 dpi (11.8 dots/mm) 305 dpi (12 dots/mm)
Print Speed (Max)	203 dpi: 12 ips (304.8mm/sec) 305 dpi: 12 ips (304.8mm/sec)	203 dpi: 12 ips (304.8mm/sec) 305 dpi: 12 ips (304.8mm/sec)
Memory - SRAM	32MB	32MB
Memory - FROM	64MB	64MB
Print Length (Max)	59.66"	58.66"
Print Width (Max)	6.29"	6.29"
Ribbon Save	Standard	Not Offered
Media		
Media Type	Roll, Fanfold	Roll, Fanfold
Media Alignment	Center (Auto)	Center (Auto)
Media Width (Min-Max) ²	1.96" - 6.49"	1.96" - 6.49"
Media Thickness - Label	.005" - .007" (.13mm-.17mm)	.005" - .007" (.13mm-.17mm)
Media Thickness- Tags	.006" - .010" (.15mm-.25mm)	.006" - .010" (.15mm-.25mm)
Media Inner Core Diameter	3"	3"
Media Outer Roll Diameter (Max)	7.87" (200mm)	7.87" (200mm)
Ribbon		
Ribbon Type	Designed for Near Edge Head, Wax-resin, Resin	Designed for Flat Head, Wax, Wax-resin, Resin
Ribbon Length (Max)	600M for all widths 800M up to 5.28" wide AG6E grade only	600M for all widths
Ribbon Core Diameter	1"	1"
Ribbon Outer Diameter	3.54"	3.54"
Ribbon Winding	CSO	CSO
Programming Language Standard	TPCL (Toshiba Print Command Language) ZPL II® (Zebra Programming Language) DPL® (Datamax Programming Language)	TPCL (Toshiba Print Command Language) ZPL II® (Zebra Programming Language) DPL® (Datamax Programming Language)
Interface		
Standard	USB 2.0, Ethernet USB (Host) & RTC	USB 2.0, Ethernet USB (Host) & RTC
Optional	Parallel or Wireless (802.11 b/g/n)	Parallel or Wireless (802.11 b/g/n)
Accessories Options	Disc Cutter Peel Off Module Wireless I/F, Serial I/F Expansion I/O RFID UHF Gen2 Module 203 or 305 dpi thermal head	Disc Cutter Peel Off Module Wireless I/F, Serial I/F Expansion I/O 203 or 305 dpi thermal head
Barcode Symbologies		
Linear Bar Codes	UPC/EAN/JAN, Code 39, Code 93, Code 128, EAN 128, NW7, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Postnet, RM4SCC, KIX-Code, Customer Barcode, GS1 Databar	UPC/EAN/JAN, Code 39, Code 93, Code 128, EAN 128, NW7, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Postnet, RM-4SCC, KIX-Code, Customer Barcode, GS1 Databar
2 Dimensional Bar Codes	Data Matrix, PDF 417, Maxicode, QR Code, Micro PDR 417, CP Code	Data Matrix, PDF 417, Maxicode, QR Code, Micro PDR 417, CP Code
Environmental		
Operating Temperature	41° F - 104° F (5° C - 40° C)	41° F - 104° F (5° C - 40° C)
Operating Humidity	25 - 85% RH (non-condensing)	25 - 85% RH (non-condensing)
Power consumption		
Printing Mode	210W, 2.4A - 0.95A	210W, 2.4A - 0.95A
Stand-By Mode	15W or less	15W or less
Sleep Mode	5.7W, 0.09A	5.7W, 0.09A
Dimensions (WxHxD)	13.03" x 18.11" x 12.20" (331mm x 460mm x 310mm)	13.03" x 18.11" x 12.20" (331mm x 460mm x 310mm)
Weight	44.1 lbs/20 kg	44.1 lbs/20 kg
Weight Shipping	48.5 lbs/22 kg	48.5 lbs/22 kg

¹ With B-EX6-T1 series Near Edge Head Printer, up to 5.28" wide, Wax-resin ribbon only.

² Included backing or liner.

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

