TOSHIBA
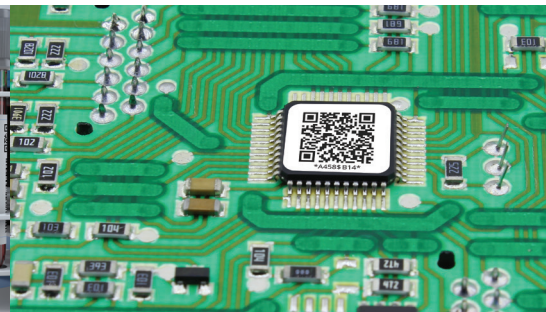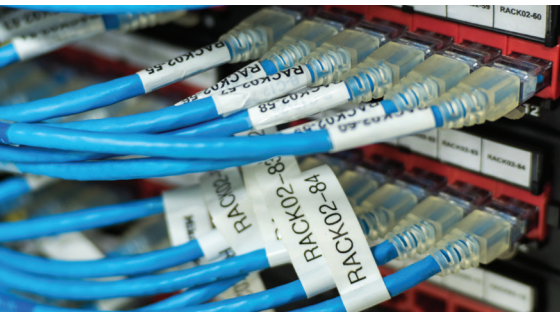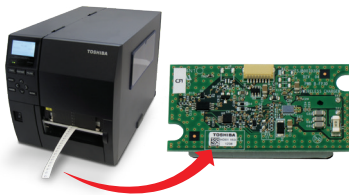
❯ B-EX4T3

❯ Industrial 4" High Resolution
Thermal Label Printer

❯ Flat Head 600 dpi

❯ Designed for Small High
Resolution Labeling

❯ Precise Placement of Barcode/
Data on Small Labels

❯ B-EX4T3

KEY SELLING FEATURES

Distinctive Best in Class printer designed to print small high-quality labels

- Faultless execution with tight registration from first label to last
- Ensure printing and scannable labels with small fonts, compact 2D barcodes
- Satisfy Pharmaceutical, Medical instruments, Electronic components, and additional small labeling requirements

High resolution with extreme Precision

- Accommodate printing on small labels required in special applications
- Print Label size as small as .51" W x .12" H
- Center Alignment minimize media drift and ensure accurate placement of barcode/data
- 600 dpi resolution optimize scannable data and barcode on small labels

Low TCO (Total Cost of Operation)

- Long-Lasting Print head backed by 1 million inches warranty
- Dual Ribbon Motor System
  - Ensures better ribbon handling
  - Eliminates ribbon wrinkling or unusable, unscannable labels
- Precise label alignment ensures usable labels and eliminate waste

Ease of Use and Maintenance

- Easy ribbon and media loading
- Easy to service and maintenance

Flexibility

- User installable snap-in print head
- Versatile options, high precision peel module, cutter and Expansion I/O

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STANDARD FEATURES

- ❯ **Rugged metal frame**
- ❯ **Flat head design**
- ❯ **Thermal transfer**
- ❯ **Models in 600 dpi**
- ❯ **32MB DRAM, 16MB Flash**
- ❯ **Dual ribbon motor**
- ❯ **Ribbon capacity 300 meter**
- ❯ **Maximum speed – 6 ips**
- ❯ **TPCL (Toshiba Print Command Language)**
- ❯ **Long head life – 1 million linear inches**

Models	B-EX4T3
Head Type	Flat
Printer Specification	
Technology	Thermal Transfer
Resolution	600 dpi (23.6 dots/mm)
Print Speed (Max)	6 ips (152mm/sec)
Memory - SRAM	32MB
Memory - FROM	16MB
Print Length (Min-Max)	
Batch	.07"- 19.6" (1.8mm- 497mm)
Cut	.07" - 19.5" (1.8mm – 496mm)
Peel	.07" – 10.0" (1.8mm – 253mm)
Print Width (Min-Max)	.45"– 4.09" (11.4mm – 104mm)
Media sensor	Reflective, Transmissive (Adjustable)
Minimum label size	.51" W x .12" H (12mm – 3mm)
Minimum Printable Area	.45" W x .07" H (11.4mm – 1.8mm)
Media	
Media Type	Roll, Fanfold
Media Alignment	Center (Auto)
Media Width with liner (Min-Max)	.98"- 4.33" (25mm – 110mm)
Label Width without liner (Min – Max)	.51"– 4.25" (13mm – 108mm)
Label Length (Min – Max)	.12" – 19.6" (3mm – 498mm) Batch Mode
	.12" – 10.0" (3mm – 254mm) Peel Mode
	.12" – 19.5" (3mm – 497mm) Cut Mode
Label Pitch (Min – Max)	.20" – 19.7" (5mm – 500mm) Batch Mode
	.20" – 10.0" (5mm – 256mm) Peel Mode
	1.0" – 19.7" (25mm – 500mm) Cut Mode
Media Thickness - Label	.005" - .007" (.13mm - .17mm)
Media Inner Core Diameter (Max)	3" (76.2 mm)
Media Outer Roll Diameter (Max)	8" (203.2 mm)
Approved Media substrate	PET film
	*All other synthetic face stocks need testing before purchase
Ribbon	
Ribbon Type	Resin
Ribbon Length (Max)	300M
Ribbon Core Diameter	1" (25mm)
Ribbon Outer Diameter	2.71" (70.0mm)
Ribbon Winding	CSO (Coated Side Out)
Programming Language Standard	TPCL (Toshiba Print Command Language)
Interface	
Standard	RS232, USB, Ethernet
Optional	Parallel
Accessories Options	Cutter
	High Precision Peel module
	Real Time Clock
	Expansion I/O Card
Barcode 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), GSI DataBar
2 Dimensional Bar Codes	Data Matrix, PDF 417, Maxicode, QR Code, Micro PDR 417, 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, 059A
Sleep Mode	5.7W, .09A
Stand-By Mode	15W or less
Dimensions (WxHxD)	10.9" x 12.2" x 18.11" (278mm x 310mm x 460mm)
Weight	36.7 lbs./17 kg
Weight Shipping	41.9 lbs./19 kg

ENERGY STAR