

# TOSHIBA

INDUSTRIAL

## BX620T

- High-performance 6" thermal label printers
- Flexible device integration
- Designed for large-format labels
- Supports IoT device management
- Seamless replacement for legacy thermal printers



# The next-generation of industrial printing.

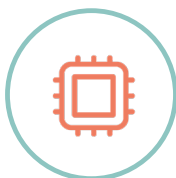
## Superior hardware meets smart, cloud-based technology.

In today's fast-paced industrial environment, maintaining peak performance under heavy workloads can be challenging. The BX620T ensures exceptional reliability and efficiency to keep your operations running smoothly, even in the most demanding conditions.

Powered by Toshiba's innovative A-BRID Operating System and a high-performance dual-core CPU, this printer provides smart, cloud-based connectivity for seamless integration and remote management. By combining trusted hardware with advanced technology, the BX620T helps streamline workflows, reduce downtime, and enhance productivity—offering a future-proof solution that grows with your business.



Industrial  
Printing



Toshiba's A-BRID  
Operating System



Superior User  
Experience



Horticulture  
Labeling Solutions



Seamless  
Connectivity

### Bridging tradition and innovation.

- The BX620T combines field-proven hardware with a dual-core CPU running both a real-time operating system and a Linux OS, creating Toshiba's A-BRID ecosystem.
- Toshiba's A-BRID Operating System integrates multifunction printer technology into label printers, enabling advanced IT applications.

### Stay ahead with unmatched productivity.

- Renowned hardware reliability with long-life printheads minimize downtime and deliver unmatched total cost of ownership (TCO).
- Toshiba's ribbon-save technology and long-length ribbons maximize operating time with minimal user intervention.

### Superior user experience.

- New features like the integrated label near-end detection and a full-color display streamline daily operations.
- QR code-based user functions link mobile devices to the printer or connect to support resources like help desks.

### Versatile and flexible printing,

- Superior media handling
- Prints everything from polyethylene plant stakes to tree wraps and office labels with ease.

### Turn your printer into a labeling hub.

- Embedded apps transform printers into standalone print stations, enabling data directly from barcode scanners or keyboards without the need for a workstation.
- Security is paramount: Only Toshiba-tested and certified whitelisted apps are allowed to run on A-BRID.

### Take control of your fleet—from anywhere.

- Toshiba's proprietary cloud service infrastructure Elevate Sky® MFPCoconnect automatically manages counters, logs, and firmware updates.
- Centrally monitor, manage and support your printer fleet remotely with SOTI Connect.

### Integration made easy.

- Native PDF printing and automatic legacy language selection simplify setup.
- Printer cloning replicates configurations seamlessly across devices.

### Seamless connectivity.

- Standard USB and LAN ports, plus an optional Wi-Fi module, provide versatile connection options to suit your needs.



**The reliable BX620T is an ideal printing solution for demanding environments, such as:**

- Transportation
- Warehouses
- Manufacturing
- Retail
- Horticulture





## Unlock next-level connectivity, customization, and integration with Toshiba's A-BRID technology.

Built for next-generation printers, Toshiba's A-BRID Operating System revolutionizes industrial printing by delivering unmatched connectivity, seamless customization, and effortless integration.

**Real-time PDF Printing:** Automatic rotation & scaling for faster document handling.

**Effortless Integration:** Streamlined data conversion for easy system compatibility.

**Automatic Language Detection:** Eliminates manual configuration with auto-emulation for simplified setup.

**Remote Management:** Monitor & manage your printer fleet with Elevate Sky® MFPCoconnect & SOTI Connect.

**Simplified Deployment:** Quick setup with printer cloning & intuitive web interface.

**Standalone Printing:** Direct printing from mobile devices or barcode scanners for added convenience & flexibility.

**Advanced Security:** Robust protection for all networked devices & data.



# BX620T

<b>Model</b>		<b>Media</b>	
<b>BX620T</b>		<b>Alignment</b>	Center
Resolution	203 dpi (8 dots/mm)	<b>Backing Paper Width</b>	50–165 mm
<b>BX620T-3</b>		<b>Label Thickness</b>	Label: 0.13–0.17 mm Tag: 0.08–0.25 mm
Resolution	305 dpi (12 dots/mm)	<b>Inner Media Core Diameter</b>	76.2 mm
<b>General</b>		<b>Outer Media Roll Diameter</b>	Max. 200 mm
<b>Printhead</b>	Flat Head	<b>Media Type</b>	Vellum Paper and Labels, Matte Coated Paper, Glossy Coated Paper, Synthetic Film, PET Film, Polyimide
<b>Print method</b>	Direct Thermal/Thermal Transfer	<b>Media Formats</b>	Roll, Fanfold
<b>Dimensions (W x D x H)</b>	331x 460 x 310 mm	<b>Near End Detection</b>	Adjustable, e.g. 10% Remaining
<b>Weight</b>	18.4 kg/40.6 lbs	<b>A-BRID Operating System</b>	
<b>User Interface</b>	Full Color LCD, 2x LED, 11 x Key	<b>CPU</b>	Dual Core, 1.0 GHz
<b>Operation</b>		<b>A-BRID Dual OS</b>	System: Linux-based Print Engine: RTOS
<b>Temperature/Humidity</b>	5°C—40°C/25—85% Non-Condensing Relative Humidity (RH)	<b>Memory</b>	1 GB RAM, 8 GB ROM
<b>Storage</b>		<b>Expansion Memory</b>	Via USB Drive
<b>Temperature/Humidity</b>	-40°—40°C/10—90% Non-Condensing Relative Humidity (RH)	<b>Embedded Applications</b>	SDK for Custom Applications, e.g. for Standalone Printing
<b>Power Supply</b>	AC 100-240V, 50/60 Hz	<b>Print Data Converter</b>	Automatically Convert or Correct Incoming Data
<b>Print</b>		<b>PDF Printing</b>	Auto Print of PDFs, Auto Rotate, Auto Scaling
<b>Sensor</b>	Reflective, Transmissive	<b>Software &amp; Connectivity</b>	
<b>Max. Print Speed</b>	305 mm/Second (12ips)	<b>Emulation</b>	Auto-detection of TPCL, ZPL II, DPL, SBPL, IPL, PDF
<b>Max. Print Width</b>	162 mm	<b>Printer Driver</b>	Windows 11/10, Windows Server 2022/2019, SAP, CUPS Driver for Linux, macOS
<b>Print Length</b>		<b>SDK</b>	iOS, Android, Windows, Java
Batch	6—1,496 mm	<b>Interface</b>	USB 2.0 HS (USB host/HID support), LAN 10/100/1000 BaseT, RS232*, WLAN 802.11ac/a/b/g/n/ax*, Expansion I/O(1)
Cut	21.4—1,496 mm	<b>Language Mode</b>	TPCL
Peel-off	21.4—1,496 mm	<b>Label Software</b>	BarTender UltraLite
<b>Barcodes</b>	EAN8, EAN13, JAN8, JAN13, UPC-A, UPC-E, NW7, CODE 39, Code 93, ITF, MSI, Code 128, EAN 128, Industrial 2 of 5, POSTNET, RM4SCC, KIX-code, GS1 DataBar, USPS Intelligent Mail, Customer Barcode	<b>IoT Device Management</b>	SOTI Connect, Elevate Sky® MFPCconnect
<b>2D Codes</b>	Data Matrix, PDF417, MaxiCode, QR Code, Micro QR Code, Micro PDF417, CP Code, AZTEC Code, GS1 QR Code, GS1 Data Matrix	<b>Options</b>	
<b>Fonts</b>	Bitmap Font, Outline Font, Price Font, Optional TTF, OTF, Writable Characters	Disc Cutter, Rotary Cutter, Peel-off Module, External Media Guide, RS232, Wireless LAN, EX I/O, Cover Damper	
<b>Ribbon</b>		<b>*Optional</b>	
<b>Ribbon Width</b>	55-170 mm		
<b>Ribbon Core Size</b>	25.7 mm (±0.2 mm)		
<b>Max. Ribbon Length</b>	600 m		
<b>Max. Ribbon Diameter</b>	90 mm		
<b>Near End Detection</b>	30 or 70 m Selectable		

