

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.

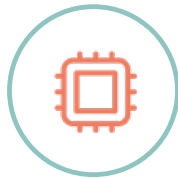
Superior hardware meets smart, cloud-based technology.

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

Model

BX620T	
Resolution	203 dpi (8 dots/mm)
BX620T-3	
Resolution	305 dpi (12 dots/mm)

General

Printhead	Flat Head
Print method	Direct Thermal/Thermal Transfer
Dimensions (W x D x H)	331x 460 x 310 mm
Weight	18.4 kg/40.6 lbs
User Interface	Full Color LCD, 2x LED, 11 x Key
Operation	
Temperature/Humidity	5°C—40°C/25—85% Non-Condensing Relative Humidity (RH)
Storage	
Temperature/Humidity	-40°—40°C/10—90% Non-Condensing Relative Humidity (RH)
Power Supply	AC 100-240V, 50/60 Hz

Print

Sensor	Reflective, Transmissive
Max. Print Speed	305 mm/Second (12ips)
Max. Print Width	162 mm
Print Length	
Batch	6—1,496 mm
Cut	21.4—1,496 mm
Peel-off	21.4—1,496 mm
Barcodes	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
2D Codes	Data Matrix, PDF417, MaxiCode, QR Code, Micro QR Code, Micro PDF417, CP Code, AZTEC Code, GS1 QR Code, GS1 Data Matrix
Fonts	Bitmap Font, Outline Font, Price Font, Optional TTF, OTF, Writable Characters

Ribbon

Ribbon Width	55-170 mm
Ribbon Core Size	25.7 mm (±0.2 mm)
Max. Ribbon Length	600 m
Max. Ribbon Diameter	90 mm
Near End Detection	30 or 70 m Selectable

Media

Alignment	Center
Backing Paper Width	50–165 mm
Label Thickness	Label: 0.13–0.17 mm Tag: 0.08–0.25 mm
Inner Media Core Diameter	76.2 mm
Outer Media Roll Diameter	Max. 200 mm
Media Type	Vellum Paper and Labels, Matte Coated Paper, Glossy Coated Paper, Synthetic Film, PET Film, Polyimide
Media Formats	Roll, Fanfold
Near End Detection	Adjustable, e.g. 10% Remaining

A-BRID Operating System

CPU	Dual Core, 1.0 GHz
A-BRID Dual OS	System: Linux-based Print Engine: RTOS
Memory	1 GB RAM, 8 GB ROM
Expansion Memory	Via USB Drive
Embedded Applications	SDK for Custom Applications, e.g. for Standalone Printing
Print Data Converter	Automatically Convert or Correct Incoming Data
PDF Printing	Auto Print of PDFs, Auto Rotate, Auto Scaling

Software & Connectivity

Emulation	Auto-detection of TPCL, ZPL II, DPL, SBPL, IPL, PDF
Printer Driver	Windows 11/10, Windows Server 2022/2019, SAP, CUPS Driver for Linux, macOS
SDK	iOS, Android, Windows, Java
Interface	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)
Language Mode	TPCL
Label Software	BarTender UltraLite
IoT Device Management	SOTI Connect, Elevate Sky® MFPCconnect

Options

Disc Cutter, Rotary Cutter, Peel-off Module, External Media Guide, RS232, Wireless LAN, EX I/O, Cover Damper

*Optional



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