

# TOSHIBA

INDUSTRIAL

## BX430T

- High-performance 600 dpi 4" thermal label printers
- Integrated fabric cutter for garment care labels
- Flexible device integration
- Reliable hardware with long-life printheads
- Supports IoT device management
- High-resolution printing for microchip applications



# The next-generation of industrial printing.

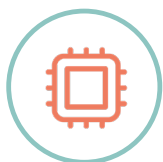
## Superior hardware meets smart, cloud-based technology.

In today's fast-paced industrial environment, maintaining peak performance under heavy workloads can be challenging. The BX430T printer rises to the occasion with exceptional reliability, 600 dpi precision printing, and an integrated fabric cutter—ensuring your operations run smoothly, even in the most demanding conditions.

Powered by Toshiba's innovative A-BRID Operating System and a high-performance dual-core CPU, the BX430T delivers smart, cloud-based connectivity for seamless integration and remote management. By combining trusted hardware with advanced technology, it helps streamline workflows, reduce downtime, and boost productivity—offering a future-proof solution that evolves with your business.



Industrial  
Printing



Toshiba's A-BRID  
Operating System



Superior User  
Experience



Seamless  
Connectivity

### Bridging tradition and innovation.

- The BX430T printer 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).
- Print micro-labels with precision thanks to 600 dpi resolution for ultra-sharp detail on the smallest labels.
- Accelerate garment care label production with the built-in fabric cutter and kicker for fast, clean cuts.
- Streamline label application with a high-precision peel-off module for smooth, accurate dispensing.

### 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.

### Turn your printer into a labeling hub.

- Embedded apps transform printers into standalone print stations, leveraging 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® MFPCConnect 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 BX430T printer is an ideal printing solution for demanding environments, such as:

- Transportation
- Warehouses
- Manufacturing
- Retail





## 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.

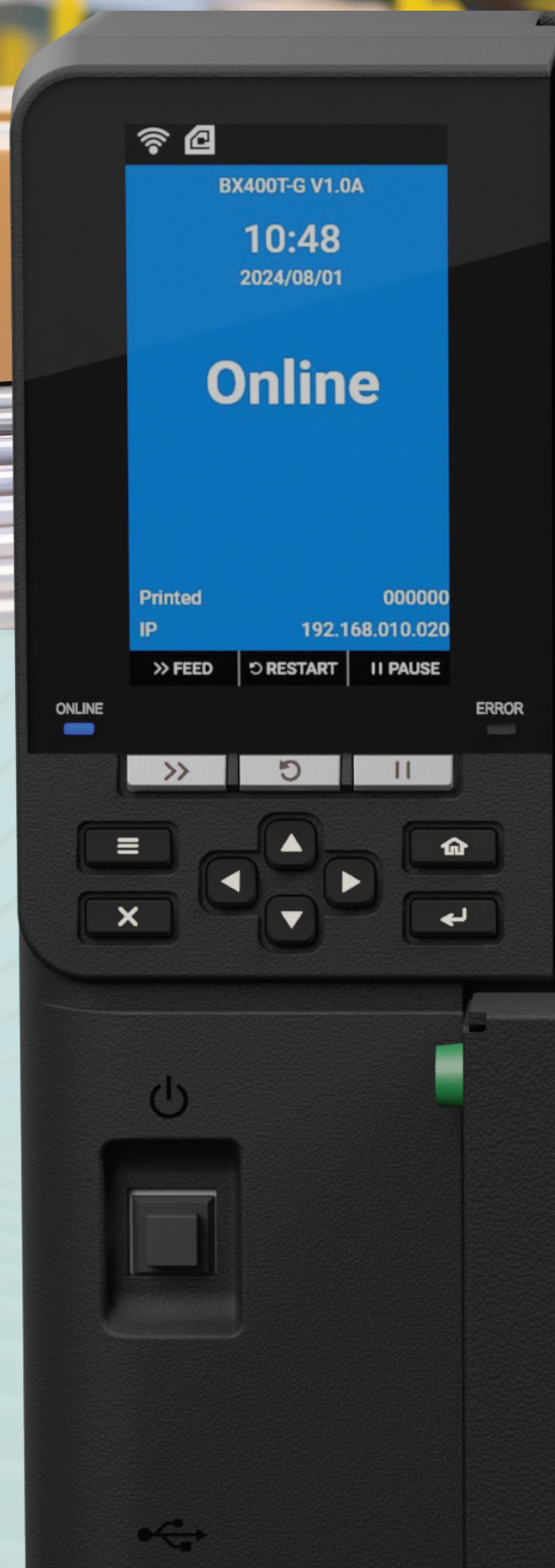
**Automatic Language Detection:** Eliminates manual configuration with auto-emulation for simplified setup.

**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.



# BX430T

<b>Model</b> <b>BX430T600</b> Resolution 600 dpi (24 dots/mm)		<b>Media</b> <b>Alignment</b> Center <b>Backing Paper Width</b> 20–110 mm <b>Label Thickness</b> Label: 0.13–0.17 mm Tag: 0.08–0.25 mm <b>Inner Media Core Diameter</b> 76.2 mm <b>Outer Media Roll Diameter</b> Max. 200 mm <b>Media Type</b> Vellum Paper and Labels, Matte Coated Paper, Glossy Coated Paper, Synthetic Film, PET Film, Polyimide <b>Media Formats</b> Roll, Fanfold <b>Near End Detection</b> Adjustable, e.g. 10% Remaining	
<b>General</b> <b>Printhead</b> Flat head <b>Print method</b> Thermal Transfer <b>Dimensions (W x D x H)</b> 278x 460 x 310 mm <b>Weight</b> 17kg / 37.5lbs <b>User Interface</b> Full Color LCD, 2x LED, 11 x Key <b>Operation</b> <b>Temperature/Humidity</b> 5°C—40°C/25—85% Non-Condensing Relative Humidity (RH) <b>Storage</b> <b>Temperature/ Humidity</b> -40°—40°C/10—90% Non-Condensing Relative Humidity (RH) <b>Power Supply</b> AC 100-240V, 50/60 Hz		<b>A-BRID Operating System</b> <b>CPU</b> Dual Core, 1.0 GHz <b>A-BRID Dual OS</b> System: Linux-based Print Engine: RTOS <b>Memory</b> 1 GB RAM, 8 GB ROM <b>Expansion Memory</b> Via USB Drive <b>Embedded Applications</b> SDK for Custom Applications, e.g. for Standalone Printing <b>Print Data Converter</b> Automatically Convert or Correct Incoming Data <b>PDF Printing</b> Auto Print of PDFs, Auto Rotate, Auto Scaling	
<b>Print</b> <b>Sensor</b> Reflective, Transmissive <b>Max. Print Speed</b> 152 mm/Second (6ips) <b>Max. Print Width</b> 104 mm <b>Print Length</b> Batch 3—1,498 mm Cut 3—497 mm Peel-off 3—496 mm <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>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>Fonts</b> Bitmap Font, Outline Font, Price Font, Optional TTF, OTF, Writable Characters		<b>Software &amp; Connectivity</b> <b>Emulation</b> Auto-detection of TPCL, ZPL II, DPL, SBPL, PDF <b>Printer Driver</b> Windows 11/10, Windows Server 2022/2019, SAP, CUPS Driver for Linux, macOS <b>SDK</b> iOS, Android, Windows, Java 200 Pages Per Document <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) <b>Language Mode</b> TPCL <b>Label Software</b> BarTender UltraLite <b>IoT Device Management</b> SOTI Connect, Elevate Sky® MFPConnect	
<b>Ribbon</b> <b>Ribbon Width</b> Max. 115 mm <b>Ribbon Core Size</b> 25 mm (±0.2 mm) <b>Max. Ribbon Length</b> 300 m <b>Max. Ribbon Diameter</b> 70 mm <b>Near End Detection</b> 30 or 70 m Selectable		<b>Options</b> Disc Cutter, Rotary Cutter, High Accuracy Peel-off Module, Fabric Cutter, External Media Guide, RS232, Wireless LAN, EX I/O, Real Time Clock <b>*Optional</b>	

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**BX400 Series**  
Label printer

