

TOSHIBA

Product Brochure | Next-Gen Industrial Printers

BX600 Series



Built for broader demands – Wide-format printing without compromise

When your operations require wider labels and greater throughput, the 6" BX600 printers deliver. Engineered for high-volume environments, they combine robust performance with the advanced technologies of the new A-BRID platform, ensuring seamless integration, enhanced usability, and long-term reliability.

BX610T – Premium wide-web industrial printer

The BX610T is the powerhouse for 24/7 operation in demanding industrial environments where wide-format labelling is essential.

- Exceptional reliability with Toshiba long-life print heads for continuous operation.
- Optimised total cost of ownership with near-edge printing and optional ribbon save technology.
- Supports extra-long ribbons up to 800 m, minimising operator intervention.
- Designed for pallet labelling, automotive part identification and special manufacturing applications requiring 6-inch wide labels.



BX610T + optional
disc cutter

BX620T – Thermal transfer wide-web industrial printer

Ideal for businesses transitioning from legacy systems, the BX620T supports thermal transfer printing with flat-head technology, tailored for 6" label formats.

- Seamless integration with existing infrastructure.
- Benefits from centred media alignment for consistent print quality across the label and from label to label.
- Produces long-lasting labels suitable for pallet and drum labelling, automotive part identification and outdoor asset tagging.
- Perfect for logistics, infrastructure and compliance labelling.



BX620T



Specifications BX600 Series

	BX610T	BX620T
Models		
Resolution	GS02: 203 dpi (8 dots/mm) TS02: 305 dpi (12 dots/mm)	GS02: 203 dpi (8 dots/mm) TS02: 305 dpi (12 dots/mm)
General		
Print head	Near edge	Flat head
Print method	Direct thermal/thermal transfer	
Dimensions	331 x 460 x 310 mm	
Weight	19.6 kg	18.4 kg
User interface	Full colour LCD, 2x LED, 11x key	
Operation temperature/ relative humidity	5°C–40°C / 25–85% non-condensing	
Storage temperature/ relative humidity	-40°–60°C / 10–90% non-condensing	
Power supply	AC 100–240 V, 50/60 Hz	
Print		
Sensor	Reflective, transmissive	
Max. print speed	305 mm/second (12 ips)	
Print width	47–162 mm	
Print length		
Batch	6–1,498 mm	
Cut	21.4–1,498 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 , 800 m	600 m
Max. ribbon diameter	90 mm	
Near end detection	30 or 70 m selectable	
Media		
Alignment	Centred	
Backing paper width	50–165 mm	
Label thickness	0.13–0.17 mm	
Inner media core diameter	76.2 mm	
Outer media roll diameter	max. 200 mm	
Media type	Vellum paper and labels, Matt coated paper, Glossy coated paper, Synthetic film, PET film, Polymide	
Media format	Roll, fanfold	
Near end detection	Adjustable, e.g. 10% remaining	

Specifications BX600 Series

BX610T

BX620T

A-BRID Platform

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 ⁽¹⁾ , WLAN 802.11ac/a/b/g/n/ax ⁽¹⁾ , Bluetooth 5.2 ⁽¹⁾ , Expansion I/O ⁽¹⁾
Language mode	TPCL
Label software	NiceLabel free, BarTender UltraLite
IoT device management	e-BRIDGE CloudConnect

Options

Disc cutter	✓	✓
Rotary cutter	✓	—
Peel-off	✓	✓
Ribbon save	standard	—
External media guide	✓	✓
Serial RS232	✓	✓
WLAN + Bluetooth	✓	✓
External I/O	✓	✓
Real time clock	standard	standard
Cover damper	standard	standard

⁽¹⁾ Optional



CONTACT US NOW TO SEE THEM IN ACTION OR FOR SAMPLES & COSTINGS



labels

thermal printers

digital printers

support

QLM Label Makers Pty Ltd ABN 46 009 710 614

Head Office PO Box 398, Springwood QLD 4127

p 1300 792 782 **e** qlm@qlm.com.au

Label Print Systems Pty Ltd

Showroom 1 Australand Drive, Berrinba QLD 4117

p 1800 113 904 **e** sales@labelprintsystems.com.au

qlmgroup.com

labelprintsystems.com.au