

DESKTOP

BV400 series

- Compact & sleek design with a small footprint
- Intuitive & clear user experience with LCD models
- Direct thermal and thermal transfer models
- RFID encoding available with thermal transfer printers
- SOTI Connect certified for IoT device management





Discover a printer that's built for more.

Reliability designed to boost efficiency.

Designed to meet diverse needs, Toshiba's highly reliable barcode label printers help to simplify labeling tasks, guaranteeing accuracy and efficiency. Benefit from faster speeds, reduced downtime and lower operating costs thanks to their inclusion of the latest technology. And effortlessly integrate Toshiba barcode printers into complex IT environments using standard interfaces and optional Wi-Fi or Bluetooth.

Excellent design meets advanced connectivity.

Delivering the ultimate user experience, simplicity and efficiency are top of mind with the BV400 series. Combining a small, compact footprint with a sleek design, these printers ensure enhanced connectivity for seamless integration into various networks and print language emulations, easily adapting to almost every print scenario in an ever-changing workplace. Built to last, they deliver premium print quality and performance rivaling mid-range industrial printers.

Versatile solutions for varied workspaces.

Ergonomic and sleek, the BV400 series is ideal for small industry operations, shipping/receiving centers and small businesses that require robust labeling in compact spaces. The BV400 series is available in direct thermal or thermal transfer models with 203/300 dpi and black or white cabinets. Both models adapt seamlessly to diverse operating environments, from manufacturing to healthcare.



The reliable BV400 series is an ideal printing solution for demanding environments, such as:

- Transportation (shipping labels)
- Healthcare (wrist bands)
- Retail (shelf labels)

Advanced and adaptable labeling for challenging environments.

This compact printer packs a punch. Its sleek design takes up minimal space, while its intuitive interface and vast compatibility with languages and emulations makes every print job a breeze.

And you can print with confidence knowing your device is equipped for the future. This printer's SOTI Connect certification ensures seamless IoT integration and management, while optional RFID encoding with thermal transfer models provides the capabilities needed to accomplish the next level of process automation.



Ease of Use



Speed & Efficiency



Solid Reliability



RFID Encoding



IoT Device Management

Making print simple: An integrated LCD screen on BV410 models delivers clear information and color-coded notifications. Adjustments can be made on the printer, and full setup is possible remotely.

Printing at the speed of business: Market-leading print speeds up to 7 inches per second with a fast CPU allow for quick data processing, and instant readiness from power-on due to its rapid boot-time.

Built for rugged reliability: Designed for demanding environments, you're ensured smooth, worry-free operations day after day, while an optional built-in AC adapter delivers a tidy and safe workplace, and recessed ports ensure connectivity while in operation.

Advanced solutions with endless possibilities: RFID technology expands the BV410T's applications across various markets, streamlining operations and bringing data to your desktop, and the BV400 series offers advanced solutions typically reserved for industrial printers.

Empowering IoT device management: Adding support for SOTI Connect to Toshiba desktop printers enables businesses to trace large printer fleets and overcome printer management challenges, such as remote access for firmware updates and automated rule deployment.



BV400 series

BV400D

BV400T

BV400D series



Standard features

- 4" Desktop Direct Thermal
- 203 dpi, 300 dpi Models
- Flat Edge Print Head Design
- 128MB SDRAM, 128MB Flash ROM
- Maximum Print Speed - 7 ips
- Emulation Support: Zebra® ZPL II, Datamax® DPL, Sato® SBPL, EPL2, Intermec IPL
- Compact Footprint
- Easily Replaceable Print Heads and Consumables
- ENERGY STAR® Certified V3.2

Models	BV410D-GS (203 dpi)	BV410D-TS (300 dpi)	BV420D-GS (203 dpi) BV420D-GL (203 dpi) Linerless	BV420D-TS (300 dpi)
Printer Specification				
Technology Print Head Resolution User Interface Print Speed (Max) Memory	Direct Thermal Flat Head 203 dpi (8 dots/mm) 2x LED, 3x key, with LCD 7 ips (177.8 mm/sec) 128 SDRAM 128 Flash ROM	Direct Thermal Flat Head 300 dpi (11.8 dots/mm) 2x LED, 3x key, with LCD 5 ips (127 mm/sec) 128 SDRAM 128 Flash ROM	Direct Thermal Flat Head 203 dpi (8 dots/mm) 3x LED, 2x key 7 ips (177.8 mm/sec) 128 SDRAM 128 Flash ROM	Direct Thermal Flat Head 300 dpi (11.8 dots/mm) 3x LED, 2x key 5 ips (127 mm/sec) 128 SDRAM 128 Flash ROM
Print Length (Max) Print Width (Max)	39.25" (997 mm) 4.25" (108 mm)	39.25" (997 mm) 4.16" (105.7 mm)	39.25" (997 mm) 4.25" (108 mm) (GS); 3.9" (99.6 mm) (GL)	39.25" (997 mm) 4.16" (105.7 mm)
Media				
Alignment Media Sensor	Centered Reflective, Transmissive	Centered Reflective, Transmissive	Centered Reflective, Transmissive (GS) Reflective (GL)	Centered Reflective, Transmissive
Media Length	0.32" - 39.25" Batch Mode, 0.92"-5.92" Strip Mode, 0.76"-39.1" Cut Mode	0.32" - 39.25" Batch Mode, 0.92"-5.92" Strip Mode, 0.76"-39.1" Cut Mode	0.32" - 39.25" Batch Mode, 0.92"-5.92" Strip Mode, 0.76"-39.1" Cut Mode	0.32" - 39.25" Batch Mode, 0.92"-5.92" Strip Mode, 0.76"-39.1" Cut Mode
Media Width	1.0"- 4.6" (25.4 mm - 118 mm)	1.0"- 4.6" (25.4 mm - 118 mm)	1.0"- 4.6" (25.4 mm - 118 mm) (GS) 1.26" - 4" (32 mm - 102 mm) (GL)	1.0"- 4.6" (25.4 mm - 118 mm)
Media Thickness Media Format	0.0024" - 0.0074" (0.06 mm - 0.19 mm) Roll, Fanfold	0.0024" - 0.0074" (0.06 mm - 0.19 mm) Roll, Fanfold	0.0024" - 0.0074" (0.06 mm - 0.19 mm) Roll, Fanfold	0.0024" - 0.0074" (0.06 mm - 0.19 mm) Roll, Fanfold
Print				
Barcodes	UPC/EAN/JAN, Code 39, Code 93, Code 128, EAN 128, NW7, MSI, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, POSTNET, RM4SCC, KIX Code, Customer Barcode, GS1 DataBar, USPS Intelligent Mail Barcode			
2D Codes	Data Matrix, PDF 417, MaxiCode, QR Code, Micro PDF 417, Micro QR, GS1 Data Matrix, GS1 QR Code, Aztec Code			
Software & Connectivity				
Programming Language Emulations Printer Driver Label Software IoT Device Management	Toshiba TPCL, Basic Command Interpreter (BCI) Zebra® ZPL II, Datamax® DPL, Sato® SBPL, EPL2, Intermec IPL Windows 11/10, Windows Server 2019/2016/ 2012 R2/2012, SAP, Linux, macOS BarTender, UltraLite SOTI Connect			
Interface				
Standard	USB 2.0, Ethernet 10/100 Base-T			
Optional	WLAN 802.11a/b/g/n (Dual Band for 2.4 GHz/5 GHz) Bluetooth V2.1 EDR with MFi Certified, Serial Port (RS-232C)			
Accessories				
Standard			Linerless Cutter (GL)	
Optional	Full Cutter Module Partial Cutter Module Peel-off Module 8" External Media Stand Wireless LAN Kit Bluetooth Interface Kit Serial (RS-232C) I/F Kit AC Adapter Cover	Full Cutter Module Partial Cutter Module Peel-off Module 8" External Media Stand Wireless LAN Kit Bluetooth Interface Kit Serial (RS-232C) I/F Kit AC Adapter Cover	Full Cutter Module* Partial Cutter Module* Peel-off Module* 8" External Media Stand* Wireless LAN Kit Bluetooth Interface Kit Serial (RS-232C) I/F Kit AC Adapter Cover	Full Cutter Module Partial Cutter Module Peel-off Module 8" External Media Stand Wireless LAN Kit Bluetooth Interface Kit Serial (RS-232C) I/F Kit AC Adapter Cover
Fonts Standard	Built-in Fonts: Bitmap, Outline, Price, TTF (Optional), Writable Characters			
Environmental				
Operating Temperatures	41°F - 104°F (5°C - 40°C)			
Operating Humidity	25% to 85% RH (Non-condensing)			
Storage Temperature/ Humidity	-40° to 60°C (-40° to 140°F) / 10 to 90% non-condensing relative humidity (RH)			
Power Consumption	Printing Mode: 60W Standby Mode: 4.4 W			
Power Supply	AC 100 to 240 V, 50/60 Hz			
Dimension (W x H x D)	6.85" x 8.59" x 6.81" (174 mm x 218 mm x 173 mm)		6.85" x 8.59" x 6.81" (174 mm x 218 mm x 173 mm) (GS) 6.85" x 11.34" x 6.81" (174 mm x 288 mm x 173 mm) (GL)	6.85" x 8.59" x 6.81" (174 mm x 218 mm x 173 mm)
Weight	4.4 lb. (2.0 kg)		4.4 lb. (2.0 kg) (GS) 5.7 lb. (2.6 kg) (GL)	4.4 lb. (2.0 kg)
Weight Shipping	6.61 lb. (3.0 kg)		6.6 lb. (3.0 kg) (GS) 7.94 lb. (3.6 kg) (GL)	6.61 lb. (3.0 kg)

*Not an option for BV420D-GL02

BV400T series



Standard features

- 4" Desktop Thermal Transfer
- 203 dpi, 300 dpi Models
- Flat Edge Print Head Design
- 128MB SDRAM, 128MB Flash ROM
- Maximum Print Speed - 7 ips
- Emulation Support: Zebra® ZPL II, Datamax® DPL, Sato® SBPL, EPL2, Intermec IPL
- Compact Footprint
- Easily Replaceable Print Heads and Consumables
- ENERGY STAR® Certified V3.2

Models	BV410T-GS (203 dpi)	BV410T-TS (300 dpi)	BV420T-GS (203 dpi)	BV420T-TS (300 dpi)
Printer Specification				
Technology Print Head Resolution User Interface Print Speed (Max) Memory	Thermal Transfer Flat Head 203 dpi (8 dots/mm) 2x LED, 3x key, with LCD 7 ips (177.8 mm/sec) 128 SDRAM 128 Flash ROM	Thermal Transfer Flat Head 300 dpi (11.8 dots/mm) 2x LED, 3x key, with LCD 5 ips (127 mm/sec) 128 SDRAM 128 Flash ROM	Thermal Transfer Flat Head 203 dpi (8 dots/mm) 3x LED, 2x key 7 ips (177.8 mm/sec) 128 SDRAM 128 Flash ROM	Thermal Transfer Flat Head 300 dpi (11.8 dots/mm) 3x LED, 2x key 5 ips (127 mm/sec) 128 SDRAM 128 Flash ROM
Print Length (Max) Print Width (Max)	39.29" (997.9 mm) 4.25" (108 mm)	39.29" (997.9 mm) 4.16" (105.7 mm)	39.29" (997.9 mm) 4.25" (108 mm)	39.29" (997.9 mm) 4.16" (105.7 mm)
Media				
Alignment Media Sensor Media Length Media Width Media Thickness Media Format	Centered Reflective, Transmissive 0.24" - 39.29" Batch Mode, 0.8"-39.29" Cut Mode, 0.84"-5.84" Peel-off Mode 1.0"- 4.7" (25.4 mm - 118 mm) .0024" - .0074" (.06 mm - 0.19 mm) Roll, Fanfold			
Print				
Barcodes 2D Codes	UPC/EAN/JAN, Code 39, Code 93, Code 128, EAN 128, NW7, MSI, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, POSTNET, RM4SCC, KIX Code, Customer Barcode, GS1 DataBar, USPS Intelligent Mail Barcode Data Matrix, PDF 417, MaxiCode, QR Code, Micro PDF 417, Micro QR, GS1 Data Matrix, GS1 QR Code, Aztec Code			
Software & Connectivity				
Programming Language Emulations Printer Driver Label Software IoT Device Management	Toshiba TPCL, Basic Command Interpreter (BCI) Zebra® ZPL II, Datamax® DPL, Sato® SBPL, EPL2, Intermec IPL Windows 11/10, Windows Server 2019/2016/ 2012 R2/2012, SAP, Linux, macOS BarTender, UltraLite SOTI Connect			
Interface				
Standard	USB 2.0, Ethernet 10/100 Base-T			
Optional	WLAN 802.11a/b/g/n (Dual Band for 2.4 GHz/5 GHz) Bluetooth V2.1 EDR with MFi Certified, Serial Port (RS-232C)			
Accessories				
Optional	Full Cutter Module Partial Cutter Module Peel-off Module 8" External Media Stand Wireless LAN Kit Bluetooth Interface Kit Serial (RS-232C) I/F Kit AC Adapter Cover UHF Band RFID R/W Kit for BV410T Print Head Kit for Resolution Change			
Fonts Standard	Built-in Fonts: Bitmap, Outline, Price, TTF (Optional), Writable Characters			
Environmental				
Operating Temperatures	41°F - 104°F (5°C - 40°C)			
Operating Humidity	25% to 85% RH (Non-condensing)			
Storage Temperature/ Humidity	-40° to 60°C (-40° to 140°F) / 10 to 90% non-condensing relative humidity (RH)			
Power Consumption	Printing Mode: 60W Standby Mode: 4.4 W			
Power Supply	AC 100 to 240 V, 50/60 Hz			
Dimension (W x H x D)	7.9" x 10.5" x 7.8" (200 mm x 267 mm x 198.3 mm)			
Weight	6.4 lb. (2.9 kg)			
Weight Shipping	11.46 lb. (5.2 kg)			

