

BA410 BA420

MID-RANGE PRINTERS

Product brochure

- > The Toshiba BA400 series is the first in the next generation of products launched with an entirely new software platform.
- > Built on the renowned mechanical platform of its predecessor, the BA400 series retains all the superb reliability and robustness.
- > The new powerful processor further enhances the printer's performance whilst future-proofing your investment.
- > Improved connectivity with built-in Bluetooth for easy integration with mobile Android and iOS applications.



SPECIFICATIONS

Models

Industrial Metal Case	BA410T-GS12	BA410T-TS12
Resolution	203 dpi (8 dots/mm)	300 dpi (11.8 dots/mm)
Dimensions (W x D x H)	245 x 414 x 333 mm	245 x 414 x 333 mm
Weight	15 kg	15 kg

Desktop Plastic Case	BA420T-GS12	BA420T-TS12
Resolution	203 dpi (8 dots/mm)	300 dpi (11.8 dots/mm)
Dimensions (W x D x H)	245 x 350 x 332 mm	245 x 350 x 332 mm
Weight	12 kg	12 kg

General

Print Method	Thermal transfer/Direct thermal
Printhead	Flat head
Memory	128 MB (FROM), 128 MB (SRAM)
User interface	LCD screen (graphic 128 x 64 dots), 2x LED, 3x key
Operating Temperature / Humidity	5° - 40°C (41° - 104°F) / 25 - 85% non-condensing relative humidity (RH)
Storage Temperature / Humidity	-40° - 60°C (-40° - 140°F) / 10 - 90% non-condensing relative humidity (RH)
Power Supply	AC 100 - 240 V, 50/60 Hz

Print

Sensor	Reflective, Transmissive	
Max. Print Speed	203.2 mm/second (8 ips)	
Max. Print Width	GS12 104 mm	TS12 105.7 mm
Print Length	Direct thermal	Thermal transfer
Batch	6 - 1,498 mm	11 - 1,498 mm
Cut	14 - 1,498 mm	14 - 1,498 mm
Peel-off	15 - 1,496 mm	15 - 1,496 mm
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	
2D Codes	Data Matrix, PDF 417, MaxiCode, QR Code, Micro PDF 417, CP Code, Aztec, GS1 Data Matrix, Micro QR Code	
Fonts	Bitmap font, Outline font, Price font, TTF, OTF, Writable characters	



Ribbon

Ribbon Width	60 - 110 mm
Fixed Core Length	118 mm

Media

Alignment	Centred	
Backing Paper Width	Direct thermal 22 - 118 mm	Thermal transfer 22 - 114 mm
Label Thickness	Direct thermal	Thermal transfer
Batch	0.08 - 0.17 mm	0.1 - 0.17 mm
Cut	0.08 - 0.17 mm	0.1 - 0.17 mm
Peel-off	0.13 - 0.17 mm	0.13 - 0.17 mm
Inner Media Core Diameter	38, 40, 42, 76.2 mm	
Outer Media Roll Diameter	BA410 200 mm	BA420 152.4 mm
Media Type	Vellum paper and labels, Matt coated paper, Glossy coated paper, Synthetic film, PET film, Polyimide	
Media Format	Roll, Fanfold	

Software & Connectivity

Emulation	ZPL II, SBPL
Printer Driver	Windows 10/8.1/8/7 (32/64 bit), Windows Server 2016, Windows Server 2012 R2/Server 2012/Server 2008 R2, Linux, SAP
SDK	iOS, Android, Windows, Java
Interface	USB 2.0 HS, Ethernet 10/100 Base T (IPv4 & IPv6), Bluetooth V2.1 EDR with MFi Certified, NFC (for Bluetooth pairing), WLAN 802.11a/b/g/n (Dual band for 2.4 GHz/5 GHz) ¹⁾ , Parallel port ¹⁾ , Serial port ¹⁾ , Expansion I/O ¹⁾
Language Mode	TPCL, Basic Command Interpreter (BCI)
Label Software	BarTender UltraLite (co-packed)



Options

For BA400 series	Cutter module, Peel-off module, Serial interface board, Centronics parallel interface, Wireless LAN module, UHF RFID kit ²⁾ , Expansion I/O board, RTC (real time clock), Fanfold paper guide
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¹⁾ Optional

²⁾ Availability varies from country to country