

**TOSHIBA**

# B-EP4D

MOBILE PRINTER

[Product brochure](#)

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- > Our best thermal printing innovations, wherever you are, right at your fingertips.
- > Compact and stylish, the 4 inch portable thermal printers are the ultimate in wireless functionality and reliability on the move.



**TOGETHER  
INFORMATION**

## Applications

We have put our big printer technology into the smallest possible package. Perfect for labelling on the shop floor, printing prescriptions on hospital wards, issuing tickets in the street or barcoding in the warehouse.

- **Retail**
  - Price mark-down, shelf-edge labelling, queue busting, promotions, mobile POS
- **Warehousing & Logistics**
  - Shipping labels, invoices, parcel tracking, delivery notes
- **Hospitality**
  - Event & meal tickets, mobile POS
- **Healthcare**
  - Mobile pharmacy, patient IDs, document & lab sample tracking
- **Public Services**
  - Traffic wardens, police, facilities operatives & public transport (tickets, fines, utility billing, metre reading, etc.)
- **Field Support**
  - Portable appliance testing (PAT), receipts for field sales & support charges

## Key Highlights

- > Ultra-compact & contemporary rugged design
- > Operator keypad with backlit LCD panel
- > Superior print speed with “print & peel” labelling
- > Large media capacity with quick & easy media loading
- > Flexible connectivity incl. USB, Bluetooth & WLAN

## Endurance on the move

### Lighter, Faster, Better

We've always created the most compact machines on the market. Each one is so small and light that you can wear or carry it and forget that it's there. The B-EP4D printers boast a print speed of up to 4 inches per second. With 'peel & present' on demand, simply take a label and the next one is issued in a flash.

### Durable and Robust

In the real world, accidents can happen, so we developed rugged rubber corners and the B-EP4D easily passed a 1.5 m drop test onto concrete. But we didn't stop there with the rubber — we also used it on the external ports to protect them from any spills .

### So simple to use

For user-friendliness and very fast operator training times, there's nothing like the clear backlit LCD read-out on the larger Toshiba thermal printers. So we put it into the mobile range as well, displaying a label counter, battery level, wireless signal strength and error messages. There's audible alerts too, just in case.

### Less media changes

Papers or labels drop-in with one hand? No problem. The large capacity we've designed means changing media less often. Plus there are no cores required on the rolls, so you only have to deal with minimal waste.

### Easy networking

The B-EP4D makes networking to all wireless or cabled systems a breeze. USB 2.0 and IrDA are standard across all EP models. Simply choose between serial, Bluetooth and WLAN for 2.4 GHz/5GHz wireless networks. The RS232 model can even be upgraded to WLAN and Bluetooth at a later stage with an optional kit.

### Swift integration

With Windows drivers, SAP device drivers and configuration utilities as standard, integration of the EP series is child's play. The printer speaks many programming languages and is designed to simply plug and play without any software changes, whether it's a Toshiba printer using TPCL or any make using BCI (Basic Command Interpreter)<sup>2)</sup>. The B-EP4D printers will handle inputs from other peripherals such as scanners. Uniquely, they also support ESC/POS language.

# Specifications

## Models

**B-EP4DL-GH20-QM-R / B-EP4DL-GH20-CN-R**  
(Interface: RS232C)

**B-EP4DL-GH32-QM-R / B-EP4DL-GH32-CN-R**  
(Interface: Bluetooth v1.2+EDR)

**B-EP4DL-GH42-QM-R / B-EP4DL-GH42-CN-R**  
(Interface: Wireless LAN (802.11 a/b/g/n))

\* The models vary depending on sales regions or interface.

## General

<b>Print Method</b>	Direct thermal
<b>Printhead</b>	Flat head
<b>Dimensions (W x D x H)</b>	150 x 145 x 77 mm
<b>Weight</b>	RS232C Model: 855 g (with Battery) Bluetooth Model: 860 g (with Battery) WLAN Model: 865 g (with Battery)
<b>Memory</b>	8 MB (FROM), 16 MB (SRAM)
<b>Durability</b> <sup>3)</sup>	1.5 m
<b>User Interface</b>	Backlit LCD, Keypad, Beeper, LED
<b>Operating Temperature / Humidity</b>	GH20/GH32: -15°C - 50°C (5°F - 122°F)* GH42: 0°C - 50°C (32°F - 122°F) 25 - 85% non condensing relative humidity (RH) * LCD display: 0°C - 50°C (32°F - 122°F)
<b>Storage Temperature / Humidity</b>	-25°C - 60°C (-13°F - 140°F), 10 - 90% non condensing relative humidity (RH)
<b>Battery</b>	Lithium ion 14.8V, 2600 mAh

## Print

<b>Resolution</b>	203 dpi (8 dots/mm)
<b>Sensor</b>	Reflective, Transmissible
<b>Maximum Print Speed</b>	105 mm/second (4.13 ips)
<b>Maximum Print Width</b>	104 mm
<b>Print Length</b>	Batch: 7 - 995 mm Receipts with black mark: 7 - 995 mm Peel-off: 8 - 58 mm
<b>Barcodes</b>	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
<b>2D Codes</b>	Data Matrix, PDF417, QR Code, Maxi Code, Micro PDF417
<b>Fonts</b>	Bitmap font, Outline font, Writable characters

## Media

<b>Alignment</b>	Centred
<b>Backing Paper Width</b>	Label: 50 - 115 mm
<b>Inner Media Core Diameter</b>	12 mm (Linerless: 25 mm)
<b>Outer Media Roll Diameter</b>	68 mm
<b>Media Type</b>	Label, receipt, coreless media
<b>Issue Mode</b>	Batch, Peel-off

## Software & Connectivity

<b>Emulation</b>	ZPL II <sup>1)</sup> , CPCL <sup>1)</sup>
<b>Printer Driver</b>	Windows 10/8.1/8/7 (32/64 bit), Windows Server 2016, Windows Server 2012 R2/Server 2012, Windows Server 2008 R2, SAP
<b>SDK</b>	Windows CE
<b>Interface</b>	RS232C, USB 2.0, Bluetooth v1.2+EDR, WLAN (802.11 a/b/g/n)
<b>Language Mode</b>	TPCL, LABEL, RECEIPT, ESC/POS <sup>1)</sup> , Basic Command Interpreter (BCI) <sup>2)</sup>
<b>Label Software</b>	BarTender UltraLite (co-packed)



## Options

1-slot battery charger, 6-slot battery charger  
AC adapter  
DC adapter<sup>1)</sup>  
Spare Battery  
Shoulder strap  
Linerless label kit

<sup>1)</sup> B-EP4DL-GH42 is not support.

<sup>2)</sup> Availability varies from country to country

<sup>3)</sup> It has passed our drop test (6 surface drop from a height of 1.5 m). The content of this test was established as a standard for design and development. We do not guarantee the durability of individual products under this condition.



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