

# XQ-840II

Android Tablet Embedded  
4-inch Direct Thermal Label Printer



## Unique Standalone



### Efficient All-in-One Printing

- Built-in 8-inch Android tablet with Google Play for intuitive and easy operations
- 2 Mega Pixel barcode scanning camera
- Fast and accurate data transmission via USB connection between tablet and printer
- USB + 2 USB Host + Wireless Lan + Bluetooth® interface
- Expandability to connect peripherals like a scanner, scale, or mouse



### Superior Performance

- Ability to develop Android™ applications for various printing needs
- Easy management of apps through Play Store
- Fast print speeds of up to 6ips (152mm/sec) at 203 dpi
- Powerful 2 GHz quad-core processor for intensive task operation
- Extended memory space up to 512 MB SDRAM, 512 MB Flash for printer and 4 GB RAM, 64GB Flash for tablet
- Optional BIXOLON's web-based printer profile management (XCM™)



### User-Centered Design

- Field installable Wall Mount, Peeler, and Auto Cutter options
- Adjustable Media Holders and Guides
- Water and dust-resistant design
- Intuitive user interface
- Easily checking paper status through semi-transparent case

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## Specifications

### Printer Specifications

#### Print Method

Direct Thermal

#### Print Speed

XQ-840II: Up to 6 ips (152 mm/sec)  
XQ-843II: Up to 5 ips (127 mm/sec)

#### Print Resolution

XQ-840II: 203 dpi  
XQ-843II: 300 dpi

#### Print Width

XQ-840II: Up to 108 mm  
XQ-843II: Up to 105.7 mm

#### Print Length

Up to 1,000 mm

#### Sensor

Transmissive, Reflective (Adjustable),  
Head Open

### Media Characteristics

#### Media Type

Gap, Black Mark, Notch, Continuous, Fan-Fold

#### Media Width

15 ~ 118 mm

#### Media Roll Diameter

Up to 130 mm

#### Media Thickness

0.06 ~ 0.20 mm

#### Supply Method

Easy Paper Loading

#### Inner Core

25.4 ~ 38.1 mm  
(With Wall Mount Bracket: 25.4mm)

### Physical Characteristics

#### Dimensions (W x L x H)

194 x 273 x 214 mm  
(7.63 x 10.74 x 8.43 inch)

#### Weight

2.42 kg (5.34 lbs.)

#### Electrical

EnergyStar Certified,  
External Power Adapter 100-240 V AC, 50/60 Hz

#### Display

8-inch IPS TFT Touch LCD (800 x 1280 pixels)  
Android 13

#### Camera

2MP Auto focus

### Performance Characteristics

#### Memory

Printer: 512 MB SDRAM, 512 MB Flash  
Tablet: 4 GB RAM, 64GB Flash

#### Interface

USB + 2 USB Host + WLAN + Bluetooth

USB : For printer

2 USB Host, WLAN, Bluetooth : For tablet

WLAN: 802.11a/b/g/n/ac (Infrastructure,  
Ad-hoc, Wi-Fi Direct, SoftAP) -  
WEP40/104, WPA1/2 (PSK, EAP)

### Environment Characteristics

#### Temperature

Operating: 0 ~ 40°C (32 ~ 104°F)  
Storage: -20 ~ 60°C (-4 ~ 140°F)

#### Humidity

Operating: 10 ~ 80% RH  
Storage: 10 ~ 90% RH

### Software

#### Emulation

SLCS™, BPL-Z™, BPL-E™, BXL/POS

#### Driver / Utility

Windows Driver (Europlus/Seagull)  
BIXOLON Utility

#### Developer Tools

Android/Windows SDK, Web Print SDK,  
Xamarin SDK,  
MAUI(Multi-Platform App UI) SDK,  
React Native SDK, Cordova Plugin,  
Flutter Plugin

#### Design & Print

Label Artist™ Mobile, Label Artist™ Web,  
Food Labelling App, mPrint App

#### MDM (Optional)

BIXOLON Profile Manager - XCM™ (Android)

### Fonts / Graphics / Symbologies

#### Fonts

Bitmap Fonts (10 SLCS™, 16 BPL-Z™, 5 BPL-E™),  
Scalable Fonts (1 SLCS™, 1 BPL-Z™),  
23 Code page,  
Unicode supported (UTF-8, UTF-16LE, UTF-16BE)

#### Graphics

Supporting user-defined fonts, graphics,  
formats and logos

#### Barcode Symbologies

1D: Codabar, Code 11, Code 39, Code 93,  
Code 128, EAN-13, EAN-8, Industrial 2-of-5,  
Interleaved 2-of-5, Logmars, MSI, Plessey,  
Postnet, GS1 DataBar (RSS-14),  
Standard 2-of-5, UPC/EAN extensions,  
UPC-A, UPC-E, IMB

2D: Aztec, Codablock, Code 49, Data Matrix,  
MaxiCode, MicroPDF417, PDF417, QR code,  
TLC 39

### Accessories / Supplies

#### Included in the box

AC/DC Adapter, Power-Cord, USB-Cable

#### Options & Accessories

Peeler, Auto Cutter, Wall Mount



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