

XM7 Series

2-inch, 3-inch and 4-inch
Mobile Label Printers

Spec Sheet



XM7-20

XM7-30

XM7-40

XM7-40R

Print Characteristics

Print Method

Direct Thermal

Print Speed

XM7-40, XM7-30: Up to 5 ips (127 mm/sec – Liner, Linerless)

XM7-20: Up to 6 ips (152 mm/sec - Liner, Linerless)

Print Resolution

203 dpi

Print Width

XM7-40: Up to 104 mm

XM7-30: Up to 72 mm

XM7-20: Up to 48 mm

Sensor

Paper End, Gap, Black Mark,

Paper Cover Open, Peel-off

Media Characteristics

Media Type

Liner, Notch

Optional: Linerless, RFID Tag (XM7-40R only)

Media Width

XM7-40: 50 ~ 112 mm

XM7-30: 25 ~ 80 mm

XM7-20: 25 ~ 58 mm

Media Roll Diameter

XM7-40, XM7-30: Up to 66 mm

XM7-20: Up to 57 mm

Media Thickness

0.07 ~ 0.19 mm

Media Inner Core

19 mm, 12 mm

Supply Method

Easy Paper Loading

Environment Characteristics

Temperature

Operating: -15 ~ 50°C (5 ~ 122°F)

Storage: -30 ~ 70°C (-22 ~ 158°F)

Humidity

Operating: 10 ~ 80% RH

Sealing

IP54

Drop Rate

XM7-40: 1.8 m (6 ft.)

XM7-30, XM7-20: 2.1 m (7 ft.)

Performance Characteristics

Memory

128 MB SDRAM, 256 MB Flash

256 MB SDRAM, 512 MB Flash (Optional)

Interface

Standard: USB 2.0 HS + Serial

Optional: USB 2.0 HS + Serial +

Bluetooth or WLAN or Dual
(Bluetooth + WLAN)

WLAN: 802.11a/b/g/n

(Infrastructure, Ad-hoc, Wi-Fi Direct, SoftAP) -

WEP40/104, WPA1/2 (PSK, EAP)

Easy Bluetooth Pairing™ via NFC

Physical Characteristics

Dimensions (WxLxH)

XM7-40: 158 x 186 x 82 mm
(6.23 x 7.33 x 3.23 inch)

XM7-30: 119 x 180 x 79 mm
(4.69 x 7.09 x 3.12 inch)

XM7-20: 93 x 168 x 69 mm
(3.66 x 6.61 x 2.72 inch)

Weight

XM7-40: Including battery: 1,100 (2.43 lbs)

XM7-40R: Including battery: 1,130 g (2.50 lbs)
Paper: 360 g (0.79 lbs)

XM7-30: Including battery: 795 g (1.76 lbs.)
Paper: 260 g (0.58 lbs.)

XM7-20: Including battery: 600 g (1.32 lbs.)
Paper: 120g (0.26 lbs.)

Electrical

EnergyStar Certified, External AC/DC Adapter
100-240 VAC, 50/60 Hz, USB Type-C Power
delivery charging(Sink) support

XM7-40: 7.2V Li-ion, 6800 mAh Smart Battery,
Rechargeable

XM7-30: Standard: 7.2 V Li-ion, 3400 mAh Smart
Battery, Rechargeable
Optional: 7.2V Li-ion, 3200 mAh,
Rechargeable

XM7-20: Standard: 7.3V Li-ion, 3200 mAh,
Rechargeable
Optional: 7.2 V Li-ion, 3400 mAh
Smart Battery, Rechargeable

Peeler

Supported

Media Holder

Yes (Inner core: 19 mm)

Display

TFT LCD (IPS, 240 x 320 pixels)

Accessories / Supplies

Included in the Box

XM7-40, XM7-30: Belt Strap, Smart Battery,
AC/DC Adapter, Power Cord,
Media Disk (Inner core: 12mm)

XM7-20: Belt Strap, Battery,
AC/DC Adapter, Power Cord,
Media Disk (Inner core: 12mm)

Options & Accessories

Case, Shoulder Strap, Battery (XM7-30 only),
Smart Battery (XM7-20 only),
Single Battery Cradle, Single Docking Cradle,
Quad Battery Charger, Quad Docking Cradle,
Vehicle Adapter, Vehicle Holder,
RAM Mount Vehicle Holder, Serial / USB Cable,
Fixed Serial / USB Cable, USB A to C Cable

Compatible Supplies

B-linerless™

Software

Emulation

SLCS, BPL-Z™, BPL-C™, BXL / POS

XM7-40R (RFID): SLCS, BPL-Z™

Driver / Utility

Windows Driver (Europlus / Seagull),

Linux / Mac CUPS Driver,

Virtual COM USB Driver,

Utility Program, Bartender UL,

OPOS / JPOS Driver,

Device Driver for SAP®,

Network Auto Installer

Developer Tools

Android / iOS / Windows SDK,

Linux SDK, Xamarin SDK, Web Print SDK,

Cordova Plugin, MAUI SDK, Flutter Plugin,

React Native SDK

Design & Print

Label Artist-II™, Label Artist™ Web,

Label Artist™ Mobile (Android, iOS),

mPrint App (Android, iOS)

MDM (Optional)

BIXOLON Profile Manager - XPM™,

XCM™ (Windows, Android),

SOTI Connect supported

Fonts / Graphics / Symbolologies

Fonts

Bitmap Fonts (10 SLCS™, 16 BPL-Z™,
7 BPL-C™), Scalable Fonts (1 SLCS™,
1 BPL-Z™), Download Fonts (TTF, TTE,
FNT, CSF, CPF), 23 Code page, Unicode
supported (UTF-8, UTF-16LE, UTF-16BE)

Graphics

Supporting user-defined fonts, graphics,
formats, layouts and logos

Barcode Symbolologies

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

RFID

Frequency

UHF, 865 ~ 868 MHz (EU),

902 ~ 928 MHz (KR, USA)

Transmit Power

1W

Modulation

ASK

Protocol

ISO 18000-6C (EPC Class1 Gen2)

Tag Pitch

Min 16 mm