

OmniLink® TM-m30III-H POS Thermal Receipt Printer



Sleek, compact, advanced connectivity, ideal for mPOS receipt printing.

Modern and compact design — sleek 3" thermal receipt printer; small size; supports both front and top paper exits; standard near-end sensor

Fast, stable network tethering — wired network communication with iOS® or Android™ mobile device via USB-C connection, at up to 20 Mbps¹

Versatile connectivity — built-in interfaces; USB-A, USB-B, USB-C and Ethernet; optional dual Wi-Fi®/Bluetooth® interface available

POS hub capability — connect up to four USB POS peripherals; Sync & Charge feature can deliver up to 18 W of power to a mobile device

Ready for cloud printing and online ordering — Server Direct Print available to retrieve print jobs directly from the cloud²

Simple configuration — easily set up a Wi-Fi or Bluetooth connection with the optional dual wireless interface

Fast print speed — quickly produce sharp and crisp text, barcodes and logos; speeds up to 300 mm/sec³

World-class service and support — 2-year limited warranty; Epson PreferredSM Plus Extended Service Plans available for up to a total of 5 years of continuous coverage⁴

Paper-saving feature — reduce paper usage by up to 49 percent⁵

Enhanced enclosure — IPX2-rated enclosure is water-resistant; antimicrobial and easy to clean

Print

Print Method Thermal
Print Speed¹ 300 mm/sec
Print Resolution 203 dpi
Print Direction Vertical and horizontal

Print Fonts

Fonts/Column Capacity Font A: 12 x 24, 48 cpl (default); Font B: 10 x 24, 57 cpl; Font C: 9 x 17, 64 cpl; Kanji Font A: 24 x 24, 24 cpl; Kanji Font B: 20 x 24, 28 cpl (Japanese), 26 cpl (Korean)
Character Size Font A: 1.25 mm x 3.00 mm; Font B: 1.13 mm x 3.00 mm; Font C: 0.88 mm x 2.13 mm; Kanji Font A: 2.50 mm x 3.00 mm; Kanji Font B: 2.26 mm x 3.00 mm
Character Set 95 Alphanumeric, 18 International, 128 x 43 Graphic, Japanese (11,233 characters of JIS X 0213:2004, 1 special character), Simplified Chinese (28,553 characters of GB18030-2000), Traditional Chinese (13,535 characters of Big5), Korean (8,224 characters of KSC5601)
Barcode UPC-A, UPC-E, JAN8/EAN8, JAN13/EAN13, Code39, Code93, Code128, ITF, CODABAR (NW-7), GS1-128, GS1 DataBar, Code 128 Auto
Two-Dimensional Symbol Printing PDF417, QR Code, MaxiCode, DataMatrix, Aztec Code, Two-Dimensional GS1 DataBar, Composite Symbology

Media Handling

Media Dimensions 80 mm (79.5 ± 0.5 mm) x 83 mm 3.13" ± 0.02" (width) x 3.27" (roll diameter) 58 mm (57.5 ± 0.5 mm) x 83 mm 2.26" ± 0.02" (width) x 3.27" (roll diameter)
Thickness 48 µm – 80 µm
Type Thermal roll paper
Paper Feed Method Friction feed
Paper Back Feed Yes
Width 3.12"/79.5 mm
Paper Loading Drop-in
Roll Diameter (Maximum) 3.27"/83 mm
Core Diameter (Minimum) 0.71"/18 mm
Paper Guide 80 mm (default), 58 mm spacer included
Auto Cutter Partial cut (default) or full cut

Connectivity

Interface (Standard Model)
 USB Type-C (USB 2.0, HS/FS/LS, 18 W device charging)
 USB Type-B (USB 2.0 FS)
 Ethernet (10/100Base-T/TX)
 USB Type-C peripheral device port x 1
 USB Type-A peripheral device port x 2
Interface (Wi-Fi + Bluetooth Model)
 USB Type-C (USB 2.0, HS/FS/LS, 18 W device charging)
 USB Type-B (USB 2.0 FS)
 Ethernet (10/100Base-T/TX)
 Wi-Fi (802.11 a/b/g/n/ac)
 Bluetooth (5.0 dual mode)
 USB Type-C peripheral device port x 1
 USB Type-A peripheral device port x 2

Connectivity (continued)

Supported Operating Systems iOS, Android, Windows[®], Mac[®] OS X[®], GNU (Linux[®])
Easy Setting Function NFC⁶, QR code, Simple AP (Wi-Fi + Bluetooth model only)
Easy Setting Tool TM Utility (iOS, Android), TM-m30III-H Utility (Windows), EpsonNet Config, TM Bluetooth Connector

Reliability⁷

Printer Reliability 17 million printing lines
 MTBF: 360,000 hours
 MCBF: 65,000,000 lines
Auto Cutter Reliability 2.2 million cuts

General

Paper Exit and Loading Top or Front
Spill Resistance IPX2 rated (front exit only)
NV Bit Image Memory 12KB (maximum)
NV Graphics 384KB (maximum)
Receive Buffer 4KB or 45bytes
Development Kit Epson[®] ePOS[™] SDK (iOS, Android, JavaScript[®]), TM Print Assistant (iOS, Android), OPOS ADK/OPOS ADK for .NET (Windows), JavaPOS ADK (Windows, Linux)
Drivers Epson Advanced Printer Driver (APD), TM Virtual Port Driver, Mac Printer Driver, CUPS Driver
Other Tools Deployment Tool, Monitoring Tool, Epson Firmware Updater
Software TM Utility (iOS, Android), TM-m30III-H Utility (Windows Desktop), EpsonNet Config (Windows, Mac), TM Bluetooth Connector, Deployment Tool, Monitoring Tool
Audible Alert Optional External Buzzer (OT-BZ20)
LED Indicators Power, Error, Paper, Ethernet, Wi-Fi (built-in), Bluetooth
Sensors Paper End, Cover Open, Near-End Sensor
D.K.D. Function Yes
Power Consumption Operating 30.6 W, Standby 1.4 W
Power Source Adapter PS-190
Power Saving Yes
Temperature 5 °C to 45 °C
Relative Humidity 10% – 90%
Acoustic Noise Level 53 dBA
Standards and Approvals EMI FCC Class A, ICES-003 Class A, Safety Standard UL 62368-1/CSA C22.2 No. 62368-1
Dimensions (W x D x H) 5" x 5" x 5", 127 mm x 128 mm x 129 mm
Weight 2.87 lb/1,300 g
Color ENB9 (Epson White), EBCK (Epson Black)
Cash Drawer Kick Yes
Cloud Printing Ready² Via Server Direct Print technology
USB-Network-Tethering¹ Up to 20 Mbps. Supports iOS, Android and Windows
Smart Device Charging Sync & Charge up to 18 W via USB-C "PD" port
USB POS Peripheral Device Support Up to 4

Eco Features

Paper-Saving Mode
 Power-Saving Mode
 ENERGY STAR[®] qualified
 RoHS compliant
 Recyclable product⁸
 Epson America, Inc. is a SmartWay[®] Transport Partner⁹

What's in the Box

OmniLink TM-m30III-H, Power Supply PS-190 with AC Cable, Starter Receipt Paper Roll, Setup Guide, 58 mm Roll Paper Guide

Warranty

Standard 2-year limited warranty; optional extended warranty available

Epson Preferred Plus Extended Service Plans⁴

1-Year Return for Repair	EPPSDEXTA1
2-Year Return for Repair	EPPSDEXTA2
3-Year Return for Repair	EPPSDEXTA3
1-Year Renewal Return for Repair	EPPSDEXTA1S
1-Year SITA Coverage	EPPSDSITAA1
2-Year SITA Coverage	EPPSDSITAA2
3-Year SITA Coverage	EPPSDSITAA3
4-Year SITA Coverage	EPPSDSITAA4
5-Year SITA Coverage	EPPSDSITAA5
1-Year Renewal SITA Coverage Extension	EPPSDSITAA1S

Ordering Information

Model Number	Interface	Color	Part Number
Epson White			
TM-m30III-H	Standard	ENB9	C31CK51001
TM-m30III-H	Wi-Fi + Bluetooth	ENB9	C31CK51021
Epson Black			
TM-m30III-H	Standard	EBCK	C31CK51002
TM-m30III-H	Wi-Fi + Bluetooth	EBCK	C31CK51022

Accessories	Product Name
Wall Mounting Bracket (OT-WH30)	C32C881017
External Buzzer (OT-BZ20)	C32C890634
Color Customer Display White (DM-D70 White)	A61CH62101
Color Customer Display Black (DM-D70 Black)	A61CH62111
Customer Display White (DM-D30 White)	A61CF26101
Customer Display Black (DM-D30 Black)	A61CF26111
Wireless USB Adapter (OT-WL06)	C32C891321
Proximity Beacon Adapter (BT-820)	C32C824A8761



¹ The actual speed depends on a variety of conditions, including performance of the mobile device, operating system, number of applications running simultaneously and the conditions of other network devices such as switches or routers. | ² Requires an Internet connection. | ³ Speed based on using approved Epson media. For more information, please visit www.epson.com/testedmedia. | ⁴ See individual service plan for details. | ⁵ Paper savings depend on the text and graphics printed on the receipt. | ⁶ NFC tag requires use of a device that includes NFC reader, and may require additional software. | ⁷ Epson's statements about reliability levels are only estimates, based on normal use of the printer using tested media only. See www.epson.com/testedmedia for more information on Tested Media. These reliability statements are not warranties of the media or Epson's printers, and the only warranties for printers are the limited warranty statements for each printer. | ⁸ For convenient and reasonable recycling options, visit www.epson.com/recycle. | ⁹ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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