Sleek and compact, ideal for mPOS receipt printing.

Main features

• **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 Mbps[1].

• **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 cloud[2].

• **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/sec[3].

• **Paper-saving feature:** reduce paper usage by up to 49 percent[4].

• **Enhanced enclosure:** IPX2-rated enclosure is water-resistant; antimicrobial and easy to clean.

TM-m30III-H

Specification sheet

EPSON®

Print

Print Method	Thermal
Print Speed³	300 mm/sec
Print Resolution	203 dpi
Print Direction	Vertical and horizontal

Print fonts

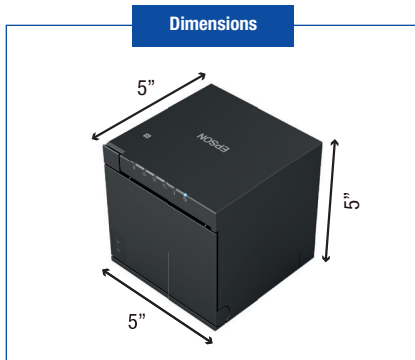|	
Fonts/Column Capacity	Font A: 12 x 24, 48 cpl (default); Font B: 10 x 24, 57 cpl; Font C: 9 x 17, 64 cpl; Kanji Font A: 24 x 24, 24 cpl; Kanji Font B: 20 x 24, 28 cpl (Japanese), 36 cpl (Korean)
Character Size	Font A: 1.25 mm x 3.00 mm; Font B: 1.13 mm x 3.00 mm; Font C: 0.88 mm x 2.13 mm; Kanji Font 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 X0213:2004, 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, GS1DataBar, Code 128 Auto
Two-Dimensional Symbol Printing	PDF417, QR Code, MaxiCode, DataMatrix, Aztec Code, Two-Dimensional GS1DataBar, Composite Symbology

Media Handling

Media Dimensions	80 mm: 79.5 ± 0.5 x 83 mm 3.13" ± 0.02" (width) x 3.27" (roll diameter) 58 mm: 57.5 ± 0.5 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

Reliability⁶

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

Connectivity

Interface (TM-m30III-H 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 (TM-m30III-H 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
Supported Operating Systems	iOS®, Android™, Windows®, Mac® OS X®, GNU (Linux®)
Easy Setting Function	NFC⁵, Simple AP (Wi-Fi® + Bluetooth® model only)
Easy Setting Tool	TM Utility (iOS®, Android™), TM-m30III Utility (Windows®), EpsonNet Config, TM Bluetooth® Connector

General

Paper Exit and Loading	Top or Front
Spill Resistance	IPX2 rated (front exit only)
NV Bit Image Memory	12 KB (maximum)
NV Graphics	384 KB (maximum)
Receive Buffer	4 KB or 45 bytes
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 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

General (continuation)

Standards and Approvals	EMI FCC Class A, ICES-003 Class A Safety Standard UL62368-1/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
ENERGY STAR® qualified
RoHS compliant
Recyclable product⁸

Warranty

Standard 2-year limited warranty; optional extended warranty available⁷

What's in the Box

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

Ordering information

Model number	Interface	Color	Part number
Epson White			
TM-m30III-H	Standard	ENB9	C31CK51011
TM-m30III-H	Wi-Fi® + Bluetooth®	ENB9	C31CK51051
Epson Black			
TM-m30III-H	Standard	EBCK	C31CK51012
TM-m30III-H	Wi-Fi® + Bluetooth®	EBCK	C31CK51052

Accessories	Part number
Wall Mounting Bracket (OT-WH 30)	C32C881017
External Buzzer (OT-BZ20)	C32C890634
Color Customer Display White (DM-D70 White)	A61CH62101
Color Customer Display Black (DM-D70 Black)	A61CF26111
Customer Display White (DM-D30 White)	A61CF26101
Customer Display Black (DM-D30 Black)	A61CF26111
Proximity Beacon Adapter (BT-820)	C32C824A8761

Dimensions

5"
5"
5"

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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-** Paper savings depend on the text and graphics printed on the receipt. **5-** NFC tag requires use of a device that includes NFC reader, and may require additional software. **6-** 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. **7-** See individual service plan for details. **8-** For convenient and reasonable recycling options, visit www.epson.com/recycle

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