

# Epson mPOS Solutions



Convenience, Reliability & Sustainability

A Guide to Choosing The Right Epson mPOS Solution

(Sales Ready Presentation Deck for System Integrators)

**EPSON**

# Why This Deck?

We understand that the main challenge of a system integrator is the race against time to find the right solution for your clients.

Therefore, this deck is designed to:

- Help your clients **understand Epson mPOS solutions** better;
- Highlight relevant **Epson mPOS printers features and benefits** for every unique requirement;
- Aid you in deciding which Epson mPOS printers would best fit your **customers' needs**;
- Be a **source of information** for you to present to your clients.





# Current mPOS Trends



The post-pandemic landscape presents **multiple opportunities for mPOS solutions** due to changing consumer behaviours. There is a move towards a contactless service environment.



Online delivery



QR code ordering



Tablet POS



Self-ordering kiosk



Cloud kitchen



E-payment

# mPOS Benefits

## Why mPOS?

**Cost effective** with lower upfront hardware costs, smaller maintenance payments, relies on a cloud-based subscription

Limits a business's liability through **encrypted transactions**



**Minimal setup** and easy integration with existing systems

**Mobility, quick and easy sales transaction tracking** anywhere anytime.



# Why choose Epson printers for your mPOS solutions?

## Client wants a cost-friendly solution?



Experience cost-effective & reliable performance with a future-proof, resilient build for longevity.

- **Day-to-day experience:**
  - Fast print speed, durable build quality and long cutter life for improved consumer experience
  - Advanced paper-saving features with up to 49% paper reduction

## Connectivity issues with external devices?



Enhanced connectivity through user-friendly features that ensure reliable connection

- **Multiple connection options:**
  - Sync and charge function for data transfer and tablet charging
  - USB Network tethering
  - Multiple peripherals support
  - Bluetooth and Wi-Fi connectivity
  - Cloud-enabled printing: Server Direct Print

## Lack of comprehensive firmware support?



Seamless & secure integration with existing systems

- **Easy software integration:**
  - Sample programs available for all types of drivers and SDKs to support mPOS integration
  - Compatible with multiple OS
  - Enhanced security with SSL/TLS for secured transactions

# Common Applications



## Self-Service Kiosks

Order receipt printing |  
External venue ticket printing/  
self-registration/check-in/queue  
ticket printing

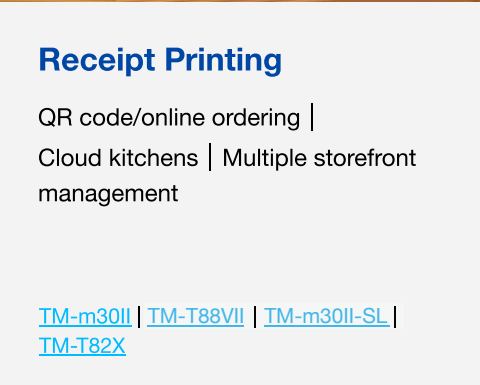
[EU-m30](#)



## Label Printing

Order printing | Logistics activities |  
Equipment labelling

[TM-L100](#)



## Receipt Printing

QR code/online ordering |  
Cloud kitchens | Multiple storefront  
management

[TM-m30II](#) | [TM-T88VII](#) | [TM-m30II-SL](#) |  
[TM-T82X](#)



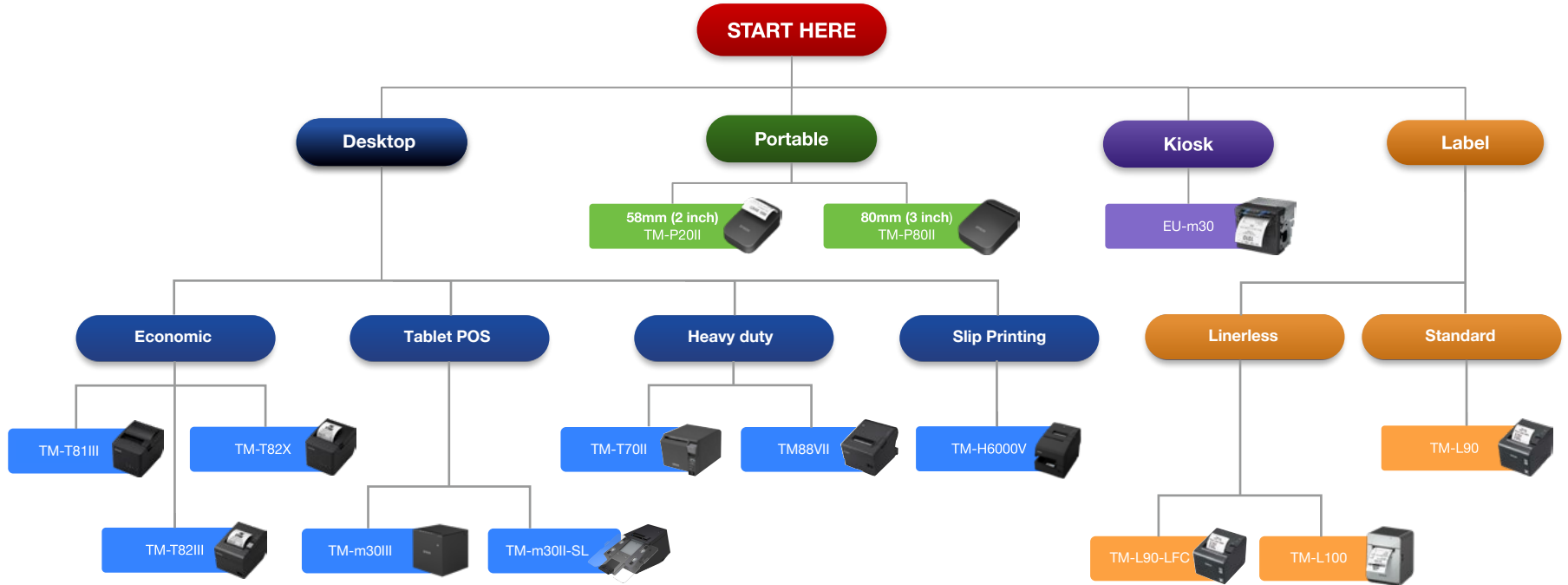
## On-the-Field Printing

Outdoor projects | Logistics activities  
| Utility bills printing

[TM-P80II](#) | [TM-P20II](#)








# How to Choose the Right mPOS Printer



*\*Please be advised that certain models may not be available in all countries. We kindly request you to check with local support for availability.*



| POS PRINTER QUICK GUIDE        | THERMAL PRINTER   |  |   |   |  |   |
|--------------------------------|---|--|---|---|--|---|
|                                | T-SERIES  |  |   |   |  |   |
| MODEL                          |   |          |                               |     |    |   |
|                                | T81III  | T82X   | T82III  | T70II   | T88VII   |   |
| DESCRIPTION                    | Entry level printer that offer the same easy operability and reliability<br>The TM-T82X/T81III is best considered for the budget conscious. |  | A fully featured thermal printer backed by the industries best-in-class reliability in high volume environments |   | Designed to fit in kiosks.<br>This small printer features fast printing of up to 250mm/second.   | Reliable, fastest printing speed model from Epson POS product range, suitable for heavy duty printing |
| PRINTING FONT                  | ANK, Thai/Viet, Simplified Chinese  | ANK, Thai/Viet, Simplified Chinese   | ANK, Thai/Viet, Simplified Chinese  | ANK, Thai/Viet, Traditional Chinese   | ANK, Thai/Viet, Simplified Chinese,Traditional Chinese, Korean, Japanese (Unicode support)   |   |
| PRINTING SPEED (MAX)           | 200 mm/s  | 200 mm/s   | 250 mm/s  | 250 mm/s  | 450mm/s  |   |
| PAPER WIDTH                    | 79.5 ± 0.5 mm   | 79.5 ± 0.5 mm  | 79.5 ± 0.5 mm<br>57.5 ± 0.5 mm  | 79.5 ± 0.5 mm<br>57.5 ± 0.5 mm*<br>(Only for Traditional Chinese model)               | 72.2 +/- 0.2mm<br>50.8 +/- 0.2mm   |   |
| AUTO-CUTTER LIFE               | 1,500,000   | 1,500,000  | 1,500,000   | 1,700,000   | 3,000,000  |   |
| INTERFACES                     | USB +<br>9 pin Serial / Ethernet  | USB +<br>9 pin Serial / Ethernet   | USB + Ethernet +<br>UIB (Serial or Parallel)<br>/ Ethernet  | USB + UIB<br>(Serial/Ethernet or Parallel)  | Built-in USB + Ethernet +<br>UIB (Serial or Parallel)  |   |
| PAPER REDUCTION                | Up to 30 %  | Up to 30 %   | Up to 30 %  | Up to 26 %  | Up to 49 %   |   |
| SUPPORTED OS FOR DRIVER        | Windows 7, 8, 10<br>MacOS X.10.5.8 and above,<br>Linux (ubuntu, openSUSE,<br>Red hat)   | Windows 7, 8, 10<br>MacOS X.10.5.8 and above,<br>Linux (ubuntu, openSUSE,<br>Red hat)    | Windows 7, 8, 10<br>MacOS X.10.5.8 and above,<br>Linux (ubuntu, openSUSE,<br>Red hat)                           | Windows 7, 8, 10<br>MacOS X.10.5.8 and above,<br>Linux (ubuntu, openSUSE,<br>Red hat) | Windows XP, 7, 8, 10<br>MacOS X.10.5.8 and above,<br>Linux (ubuntu, openSUSE,<br>Red hat)  |   |
| SUPPORTED SOFTWARE             | ePOS SDK, TM-T82X Utility   | ePOS SDK, TM-T82X Utility  | ePOS SDK, TM-T82III Utility,<br>TM-Utility  | ePOS SDK, TM-T70II Utility  | ePOS SDK, ePOS XML, TM Utility,<br>TM Print Assistant  |   |
| BUILT-IN INTELLIGENT FEATURES  | Easy Pairing by QRCode<br>(Ethernet model only),<br>Support SSL<br>(Ethernet model only)  | Easy Pairing by QRCode<br>(Ethernet model only),<br>Support SSL<br>(Ethernet model only) | Easy Pairing by QRCode<br>(Ethernet model only),<br>Support SSL<br>(Ethernet model only)                        | -   | Support Server Direct Print,<br>Printer Status Notification,<br>Built-in Web Server and<br>Database, Support SSL, Easy Pairing<br>by QRCode, NFC |   |
| PRODUCT DIMENSIONS (W x D x H) | 140 X 192 X 140 mm  | 140 X 192 X 140 mm   | 140 X 199 X 146 mm  | 125 X 194 X 114 mm  | 145 x 195 x 148 mm   |   |
| PRODUCT WEIGHT                 | 1.5 Kg  | 1.5 Kg   | 1.7 Kg  | 1.7 Kg  | 1.7 Kg   |   |

| POS PRINTER QUICK GUIDE        | THERMAL PRINTER   |  |  |  |  |
|--------------------------------|---|--|--|--|--|
|                                | M-SERIES  |  | KIOSK COMPONENT PRINTER  | PORTABLE PRINTER   |  |
| MODEL                          |    |   |   |   |   |
|                                | m30III  | m30III-SL  | EU-m30   | P20II  | P80II  |
| DESCRIPTION                    | Stylish and versatile, print receipts from anywhere, thanks to multiple connectivity with any mobile device.  | Stylish and seamless Tablet POS setup with built-in tablet holder and multiple connectivity.   | Dedicated design for kiosk environment with secured installation and bezel option which help to reduce paper jams and misalignments. | 2-inch portable printer, lightweight and reliable with battery life of up to 32 hours  | Sturdily designed with a long lasting battery life of up to 48 hours. Easy pairing with NFC, Bluetooth or Wi-Fi  |
| PRINTING FONT                  | ANK, Thai/Viet, Simplified Chinese,Traditional Chinese, Korean, Japanese (Unicode support)  | ANK, Thai/Viet, Simplified Chinese,Traditional Chinese, Korean, Japanese (Unicode support)   | ANK, Thai/Viet, Simplified Chinese,Traditional Chinese, Korean, Japanese (Unicode support)   | ANK, Thai/Viet, Hindi, Simplified Chinese,Traditional Chinese, Korean, Japanese (Unicode support)  | ANK, Thai/Viet, Hindi, Simplified Chinese,Traditional Chinese, Korean, Japanese (Unicode support)  |
| PRINTING SPEED (MAX)           | 300m/s  | 250 mm/s   | 250 mm/s   | 100 mm/s   | 100 mm/s   |
| PAPER WIDTH                    | 79.5 ± 0.5 mm<br>57.5 ± 0.5 mm  | 79.5 ± 0.5 mm<br>57.5 ± 0.5 mm   | 79.5 ± 0.5 mm<br>57.5 ± 0.5 mm   | 57.5 ± 0.5 mm  | 79.5 ± 0.5 mm  |
| AUTO-CUTTER LIFE               | Up to 2,200,000   | 2,200,000  | 1,500,000  | -  | -  |
| INTERFACES                     | m30III Standard: USB-PD, USB-B, Ethernet<br>m30III: USB-PD, USB-B, Ethernet, Bluetooth, Wi-Fi   | USB-B, USB-A, Ethernet, Bluetooth  | USB + Serial   | Built-in USB + Bluetooth/Wi-Fi   | Built-in USB + Bluetooth/Wi-Fi   |
| PAPER REDUCTION                | Up to 49 %  | Up to 49 %   | Up to 49 %   | Up to 23%  | Up to 23%  |
| SUPPORTED OS FOR DRIVER        | Windows Driver (APD), OPOS, OPOS.NET, JavaPOS (Windows, Linux), TM Virtual Port Driver, CUPS Driver (Linux), Mac Driver   | Windows Driver (APD), OPOS, OPOS.NET, JavaPOS (Windows, Linux), CUPS Driver (Linux), Mac Driver, TM Virtual Port Driver  | Windows Advanced Printer Driver OPOS, OPOS.NET JavaPOS SDK for Android   | Windows, Android, iOS  | Windows, Android, iOS  |
| SUPPORTED SOFTWARE             | TM Utility (Android, iOS), TM-Print Assistant (Android, iOS), Deployment Tool, Monitoring Tool, TM-m30III Utility   | TM Utility (iOS, Android), TM-m30III Utility (Windows PC), EpsonNet Config (Win, Mac), TM-Print Assistant (iOS, Android), Deployment Tool, Monitoring Tool, TM Bluetooth Connector | Windows Advanced Printer Driver OPOS, OPOS.NET JavaPOS SDK for Android   | ePOS SDK (iOS, Android, JavaScript), OPOS ADK, OPOS ADK for .NET, JavaPOS (Windows/Linux) Windows Driver (APD 6), TM Virtual Port Driver (Windows), TM Bluetooth Connector (Windows), Monitoring Tool (Windows), BmpToRaster (Windows) | ePOS SDK (iOS, Android, JavaScript), OPOS ADK, OPOS ADK for .NET, JavaPOS (Windows/Linux) Windows Driver (APD 6), TM Virtual Port Driver (Windows), TM Bluetooth Connector (Windows), Monitoring Tool (Windows), BmpToRaster (Windows) |
| BUILT-IN INTELLIGENT FEATURES  | Paper decurl, Advanced Paper Reduction, 180 degree rotation printing, Full cut & haft cut support, Network tethering function, Server Direct Print, Status Notification | QR Code, USB Lightning Sync and Charge, iBeacon, Advanced Paper Reduction, 180 degree rotation printing, Network tethering function, Server Direct Print, Status Notification      | Advanced Paper Reduction   | Easy Pairing by QR Code and NFC  | Easy Pairing by QR Code and NFC  |
| PRODUCT DIMENSIONS (W x D x H) | 127x 127x 130 mm  | Standard Tablet size: 289 x 166 x 322 mm.<br>Large Tablet size: 311 x 166 x 357 mm   | 127 X 127 X 131.2 mm   | 79 x 120 x 46 mm   | 105 x 138 x 57.6 mm  |
| PRODUCT WEIGHT                 | 2.2 Kg  | 3.5kg  | 1.3 Kg   | 216 g (BT), 223 g (Wi-Fi)  | 379 g (BT), 386 g (Wi-Fi)  |

| POS Printer Quick Guide   | Dot Matrix Printer   |  |   |  | Hybrid Printer   | Label Printer   |  |  |
|---|--|--|---|--|--|---|--|--|
| Model<br><i>*Please be advised that certain models may not be available in all countries. We kindly request you to check with local support for availability.</i> |    |    |   |   |    |   |    |    |
|   | U220   | U295   | U590  | U950   | H6000V   | L90   | L90-LFC  | L100   |
| Description   | Ideal for use in kitchen requirements which require a rugged and sturdy multi-ply receipt printer that offers a low total cost of ownership. | Ideal for cheque & credit card authorisation. With four print sizes, four print directions & a “page mode” that lets you print practically anywhere on the document. | This fast wide-slip printer is extremely versatile & capable of handling a wide range of slip, cheque & invoice applications. | This impact printer is ideal for receipts, journals & slips in most retail environments and is capable of supporting two cash drawers. | Receipt printing unit, slip printing, endorsement, and validation in one integrated unit, offering a very low total cost of ownership. | Highly reliable compact thermal label printer. Ideal for business that require high speed, high performance label printing. | It enables businesses to print on liner-free label, providing a reliable method for labelling customers’ food and drink orders to ensure they are correct. | Compact and stylish, TM-L100 is the ideal liner-free label printer for F&B usage.  |
| Printing Font   | ANK, Thai/Viet, Simplified & Traditional Chinese   | ANK, Thai  | ANK, Thai   | ANK, Thai  | ANK  | -   | -  | ANK, Thai/Viet, Simplified Chinese,Traditional Chinese, Korean, Japanese (Unicode support)   |
| Printing Speed (MAX)  | 4.7 lps (40 columns, 16 cpi)<br>6.0 lps (30 columns, 16 cpi)   | 1.9 – 2.3 lps  | 311 / 233 cps   | 311 / 233 cps  | Receipt: 350 mm/s<br>Slip: 5.7 lps   | 150 mm/s  | Receipt: 170 mm/s<br>Liner-free Label: 90 mm/s   | Receipt and liner-free label: 170 mm/s   |
| Paper Width   | 76 ± 0.5 mm<br>69.5 ± 0.5 mm<br>57.5 ± 0.5 mm  | 80 x 69 mm –<br>182 x 257 mm   | 70 x 70 mm –<br>210 x 297 mm (A4)   | Receipt: 69.5 ± 0.5 mm<br>Slip: 70 x 70 mm<br>210 x 297 mm (A4)  | Receipt 79.5 ± 0.5 mm<br>57.5 ± 0.5 mm<br>Slip (68-230) X (68-297) mm  | Width: 80 / 70 / 65 / 60 /<br>58 / 50 / 45 / 38<br>Roll Outer Diameter: 90  | Width: 58 / 80 / 40<br>Roll Outer Diameter: 102  | Width: 58 / 80 / 40<br>Roll Outer Diameter: 102  |
| Auto-Cutter Life  | 800,000  | -  | -   | -  | 3,000,000  | Receipt: 2,000,000<br>Label: 1,000,000  | Receipt: 2,000,000<br>Label: 1,000,000   | Receipt: 2,000,000<br>Label: 1,000,000   |
| Interfaces  | UIB (Serial, Parallel, USB or Ethernet)  | Serial / Parallel  | Serial / Parallel   | Serial / Parallel  | USB + Ethernet + UIB (Serial or Parallel)  | USB + UIB (Serial, Parallel or Ethernet)  | USB + UIB (Serial, Parallel or Ethernet)   | Serial, Ethernet, USB-B  |
| Paper Reduction   | Up to 11%  | -  | -   | -  | Up to 47%  | -   | -  | -  |
| Supported OS for Driver   | Windows XP, 7, 8, 10<br>Linux (ubuntu, openSUSE, Red hat)  | Windows XP, 7, 8, 10   | Windows XP, 7, 8, 10  | Windows XP, 7, 8, 10   | Windows XP, 7, 8, 10<br>MacOS X.10.5.8 and above,<br>Linux (ubuntu, openSUSE, Red hat)   | Windows, Linus/Mac<br>(With JavaPOS Driver)   | Windows,<br>Linus/Mac<br>(With JavaPOS Driver)   | Windows,<br>Linus/Mac<br>(With JavaPOS Driver)   |
| Supported Software  | ePOS SDK, TM-Utility   | -  | -   | -  | ePOS SDK, ePOS XML, ePOS SDK, TM-Utility   | ePOS XML, OPOS ADK, JavaPOS, ePOS SDK JavaScript  | ePOS XML, OPOS ADK, JavaPOS, ePOS SDK JavaScript   | Windows Driver (APD), OPOS, OPOS.NET, JavaPOS (Windows, Linux), TM Virtual Port Driver, ePOS SDK (iOS, Android, Javascript), TM-Print Assistant (Android, iOS) |
| Built-in Intelligent Features   | -  | -  | -   | -  | Easy Pairing by QRCode, NFC, i-Beacon, Support SSL, Support Server Direct Print  | Paper Reduction, Gap Sensing, Support Cash Drawer, Easy Integration with POS system   | Paper Reduction with back feeding, Taken Sensor, Support Cash Drawer, Easy Integration with POS system   | Taken sensor, 180 degree rotation, UTF-8 Font support  |
| Product Dimensions (W x D x H)  | Type A: 160 x 286 x 157.5 mm<br>Type B/D: 160 x 248 x 138.5 mm   | 180 x 190.5 x 101.5 mm   | 252 x 266 x 185 mm  | 251 x 298 x 194.5 mm   | 186 x 278 x 181 mm   | 140 x 148 x 203 mm  | 140 x 148 x 203 mm   | 140 x 148.5 x 207 mm   |
| Product Weight  | Type A: 2.7 Kg<br>Type B: 2.5 Kg<br>Type D: 2.3 Kg   | 1.6kg  | 5kg   | 5.6kg  | 4.4 kg   | 1.9 kg  | 1.9 kg   | 1.9 Kg   |



# Other Resources



Access our on-demand webinars [here](#).



Discover more resources on our Utility Tools [here](#).

Visit our **Additional Resources Support** page for more information.

Call our customer care center at 800-120-5564 for more enquiries, or contact us for more details [here](#).

**EPSON**



Scan to find out more

Find out more here: <https://www.epson.com.sg/mpos>

---