

## Android POS terminal

# The future of payments



**Android POS terminals** are revolutionary in terms of combining the full features of an Android device with a powerful payment terminal. These smart POS terminals make it possible to bring **different services** to the point of sale of the merchant on one device: you as a merchant do not require any further devices.

The Android POS terminals are as easy to use as smartphones. In addition to the payment application, you can **install various apps useful for your business** directly on Android POS terminal.

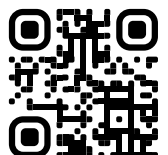
The ePAY Android POS terminals A920 and A77 deliver **multiple services in one device** to meet the daily demands across all merchant environments.

This makes it possible to accept payments with **girocard** and **all common credit cards**, as well as **contactless payments**, and **mobile and QR payments** with dual cameras.

### Benefits

- ✓ **One device** that brings together **Payment and ECR apps**
- ✓ **Easy integration** into the retailer's infrastructure using the **ZVT & OPI** ECR/POS interfaces
- ✓ ePAY as **Network Service Provider**: acceptance of **girocard** and all **common credit cards**, as well as **QR payments**
- ✓ **Easy installation** of additional Android apps
- ✓ 4 in 1 device with modern and compact design, **to save space and costs**

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# Factsheet



### Integration architecture

The integration of the Android POS terminal in the retailer's checkout environment - **thanks to the support of ZVT and OPI** - is similar to the integration of traditional POS terminals.

With the **epay as Network Service Provider (NSP)**, the **girocard** and **all major credit cards** acceptance is possible.

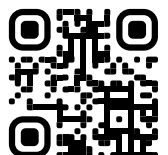
In addition to the encapsulated payment application, capsuled **Android OS** makes it possible to download a large number of **merchant or value-added services apps** to the Android POS terminal.

Thus, different use cases can be solved with one device, **without any additional devices**.

### Technical specifications

- ❖ **Android OS:** open for merchant apps
- ❖ **POS/ECR interfaces:** ZVT, OPI and API
- ❖ **With integrated printer (A920) and without printer (A77)**
- ❖ **epay NSP:** acceptance of **girocard** and all common credit cards
- ❖ **Communication:** Wi-Fi 2.4GHz + 5GHz; Bluetooth 4.0; 4G module; 1x micro-USB / OTG, 1 SIM, 2 SAM; 1x Micro SD (up to 32 GB)
- ❖ **Camera:** front and rear cameras for processing **QR Payment Methods**
- ❖ **Display:** 5" LED color and capacitive touchscreen display; 720 x 1280 pixels (WVGA) with integrated signature-pad

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# epay A920: Technical Datasheet



<b>Display</b>	5" LED color display, 720 x 1280 Pixel (WVGA), Capacitive Touchscreen, Integrated Signature Pad
<b>Memory</b>	2GB DDR RAM + 8 GB Flash (expandable up to 32 GB via Micro SD)
<b>Processor</b>	Cortex A7 Quad Core 1000 MHz, Cortex M4 Security CPU
<b>Printer</b>	No printer
<b>Battery</b>	Lilon Akku 5250 mAh, 3.7V
<b>Physical</b>	175,5 x 78 x 55 mm, Weight 458 g (incl. battery)
<b>Keyboard</b>	Full Touch Display with keyboard variants adapted to the situation 1 x On- / Offbutton, 2 x Shortcuts, 2 x Volume +/-
<b>Camera</b>	0,3 Megapixel front camera, 5 Megapixel rear camera with flash to read 1D & 2D Codes
<b>Operating System</b>	Android 7.1.2 (capsuled)
<b>Audio</b>	Speaker, Microphone
<b>Voltage</b>	Input: 100 ~ 240V AC, 50/60Hz, Output: 5.0V DC, 1.0A
<b>Communication</b>	WiFi (2,4 GHz + 5 GHz), Bluetooth 4.2, 4G, 1x SIM , 2x SAM, 1 PSAM, 1 Micro SD (bis zu 32 GB)
<b>Card Reader</b>	Contactless reader, Chip card reader, Magnetic stripe card reader, camera for e.g., QR code-based payment methods
<b>Environmental</b>	Operating temperature: -10°C – 50°C, Storage temperature: -20°C – 70°C, Charging temperature: 0°C – 50°C 5% - 95% relative humidity, non-condensing
<b>POS interfaces</b>	ZVT, O.P.I.
<b>Certification</b>	Compatible with the current specifications: DK TA7.2 / DC POS 3.0, EMV, RoHS, CE, PCI PTS 5.x, P2PE

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# Value-Added-Service



What makes a buying experience great?  
Additional services that you don't expect.  
Pickup your customers right there.

Whether cash withdrawals at the terminal, tip function, currency conversion and much more - at eposy, we understand what the customer wants and implement it with you.

With the A920 you can use the following value-added services from eposy:

Digital receipt management	✓
Direct Currency conversion (DCC)	X
Tax-Free	X
Alipay (with User Scan)	X
Account indexing	X
Tip function	✓
Reference number input	X
Prepaid TopUp (Mobile TopUp)	X
epay Gift card acceptance	X