

## Android POS terminals

# 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.

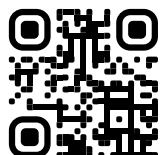
In addition to the encapsulated payment application, capsuled **Android OS** makes it possible to download a large number of **merchant or value-added services apps** to the Android POS terminal.

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 A77: Technical Datasheet



<b>Display</b>	5,5" LED color display, 1440 x 720 Pixel (HD), Capacitive Touchscreen, Integrated Signature Pad
<b>Memory</b>	2GB DDR RAM + 16GB eMMC Flash (extendable up to 128 GB via Micro SD)
<b>Processor</b>	Cortex A53 Quad Core 1400 MHz, 1.4GHZ 32-bit RISC Core (ARMv7-M), 1.25DMIPS/MHz
<b>Printer</b>	No printer
<b>Battery</b>	Lilon Akku 5150 mAh, 3.7V
<b>Physical</b>	158,8 x 76,4 x 17,8 mm, Weight 270 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>	2 Megapixel front camera, 5 Megapixel rear camera with flash to read 1D & 2D Codes
<b>Operating System</b>	Android 8.1 (capsuled)
<b>Audio</b>	Speaker
<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 128 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