A920 Mobile Tablet

- PCI PTS 4.x certified, SRED
- Android™ Operating System
- 4G / 3G / WiFi / Bluetooth
- Elegant Back Lighting
- 5-Volt Charging Port
- Dual Camera, 1D & 2D Scanner

The PAX A920 is the world’s most elegantly designed and compact secure electronic payment terminal powered by the Android operating system.

The A920 comes with a large high definition tablet color display and a super fast thermal printer that is neatly hidden below so as to maximize screen usage for customer facing transactions. A wide range of advanced connectivity options are supported, as well as inbuilt NFC contactless, electronic signature capture and massive amounts of memory to enable exceptionally fast processing of applications.

The A920 comes with an optional sleek multifunctional charging and communications base so that any type of merchant environment can be catered to.
A920 MobileTablet

Features & Benefits

Unprecedented Security
- PCI PTS 4.x certified
- SRED
- Supports RSA, AES, 3DES

Multimedia Performance
- Double Injection
- Sleek & fashionable
- Large 5-inch capacitive color touch screen
- Super resolution 1280 x 720 pixels

Exceptional Stability and Reliability
- Flexible and secure platform
- Multiple connectivity: 4G / 3G / WiFi / Bluetooth
- High capacity Li-ion rechargeable battery
- 5-Volt Charging Port
- Inbuilt NFC contactless
- Dual Camera, 1D & 2D Scanner
- Supports electronic signature capture
- Illuminated Card Reader

Specifications

Application CPU
ARM Cortex A7 1.2GHz 4 Core Processor

Security CPU
ARM11 266MHz 32bit Security Processor

Operating System
Android 4.4

Memory
1GB DDR3 SDRAM, 8GB EMMC

Display
5.0 inch 720 x 1280 pixel capacitive touch screen, white LED backlights, Signal Strength, Bluetooth Connectivity, Battery Status

Port
1 Micro-USB (OTG)
1 SIM Card Slot
2 PSAM Card Slot
1 Micro SD Card Slot, Supports up to 32 GB

Physical Keys
2 Shortcuts, Default Scanner Shortcut, User Defined
1 ON/OFF Key
Back-lighting

Memory Extension Slot
Micro SD (TF) Card Slot, Supports up to 32 GB

Audio
Speaker Functionality
Microphone & Sound Wave Payment Supported

Smart Card reader
Supports 1.8V, 3.3V, 5V Card
Supports Memory Card, CPU Card
EMV Ready, PBOC 3.0, ISO 7816 Standard

Contactless Card Reader
13.56MHz, 14443 Type A/B
Supports Point-to-Point Communication

Printer
High-Speed Thermal Printer
Paper Roll Width / Diameter: 58mm / 40mm

Camera
5 Megapixel Auto Zoom Camera

Scanner Camera (optional)
2 Megapixel Fixed Focal Camera

Security
3DES, RSA2048, SHA-256, SM2, SM3, SM4, etc
MK/SK, FIXEDKEY, DUKPT

Communications
TD-LTE / FDD-LTE
WCDMA / HSDPA / HSPA+ / HSPA+
Bluetooth
Wi-Fi

Satellite Positioning
GPS
GLONASS

G-Sensor
Support

Battery
Long Lasting Li-ion battery, 3400mAH, 3.7V

Voltage
Input: 100-240V AC, 50Hz / 60Hz
Output: 5.0V DC, 2.0A
Micro-USB Standard Charging Port

Physical
Length: 175.7mm
Width: 78mm
Height: 57mm

Weight
387g (Including Battery)

Environmental
-10°C to 50°C (14°F to 122°F) Operating Temperature
10% to 93% Relative Humidity, Non-Condensing
-20°C to 70°C (-4°F to 158°F) Storage Temperature

Accessories
Charging Base (optional)
Multi-functional Communications Base (optional)
1.0m Micro-USB Charging Cable

Certifications
PCI PTS 4.x
EMV L1 & L2
MasterCard Contactless
Visa payWave
AMEX expresspay
Discover D-PAS
MasterCard TQM
NSICC

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