A920

Mobile Tablet

The 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 colour 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.

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

TOSAN
Techno
S m a r t   I n n o v a t i o n

TOSAN Techno
Smart Innovation

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 / 2G / 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

A920
Mobile Tablet   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 Extension Slot: Micro SD (TF) Card Slot, Supports up to 32 GB
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
Communications	TD-LTE / FDD-LTE / WCDMA / HSDPA / HSUPA / HSPA+ / GSM / GPRS / EDGE / Bluetooth / WiFi
Magnetic Card Reader	Track 1/2/3, Bi-Directional ISO 7810, ISO 7811, ISO 7813
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	ANSI X9.8 / ISO9564, ANSI X9.9 / ANSI X9.19 ANSI X9.24 /ANSI X9.52 / 3DES, RSA2048, SHA-256, SM2, SM3, SM4, etc / MK/SK, FIXEDKEY, DUKPT
Communications	TD-LTE / FDD-LTE / WCDMA / HSDPA / HSUPA / HSPA+ / GSM / GPRS / EDGE / Bluetooth / WiFi
Satellite Positioning	GPS / GLONASS
G-Sensor	Support
Physical	Length: 176mm Width: 78mm Height: 57mm
Weight	387g (Including Battery)
Voltage	Input: 100-240V AC, 50Hz / 60Hz Output: 5.0V DC, 2.0A Micro-USB Standard Charging Port
Battery	Long Lasting Li-ion battery, 3400mAH, 3.7V
Environmental	-10°C to 50°C Operating Temperature 10% to 93% Relative Humidity, Non-Condensing -20°C to 70°C Storage Temperature
Certications	PCI PTS 4.x, EMV L1 & L2, MasterCard Contactless Visa payWave, AMEX expresspay, Discover D-PAS, MasterCard TQM, NSICC
Accessories	Charging Base (optional) 1.0m Micro-USB Charging Cable