High Performance, Reliable, Cost Effective

XAC
A Partner You Can Trust

xCL_AP-20
Smart PINPAD

- QCM2290 based all in one Android Desktop PINPINPAD
- Latest E6 platform with Secure Android 12 OS
- PCI PTS 6.x certified
- Global major payment schemes
- Ingress Protection rating IP53
- Flexible wire communication option
- WiFi dual band & Bluetooth 5

#retail #restaurant #hypermarket #grocerystore #foodcourt

SPECIFICATIONS

CPU
- Qualcomm ARM Cortex-A53 quad-core 64bit (QCM2290) up to 2.0GHz
- Secure CPU: MAXIM ARM Cortex-M3

Memory
- 2GB SDRAM +16GB eMMC,
- Optional up to 4GB SDRAM+64GB eMMC
- MicroSD card slot x1 (Optional)

Operating System
- Android 12

Display & Touch
- 3.5" (480x320) TFT color display
- Capacitive touch panel
- Adaptive brightness (optional)

Magnetic Stripe Reader
- ISO 7811, 3 tracks

Smart Card Reader
- ISO7816-1/2/3 asynchronous T=0, T=1
- SLE4442 Memory Card
- Support LED light guide
- SAM slot x 2 (Optional)

Contactless Reader
- ISO14443 type A/B
- NFC (ISO18092)
- Mifare
- FeliCa

Audio
- Mono Speaker
- Microphone (Optional)

PINPAD
- 4x4 layout plastic keycap
- Keypad area: 50mm x 48mm
- 0~9 numeric key
- Function key x 5 (2 reserved keys)
- ADA compliance
- Reflective characters

Camera
- 5MP Fix-Focus front facing camera (Up to 8MP camera)
- 1D/2D barcode scanning (Optional)

Interface
#1: USB-A 2.0 with power jack cable
#2: RS232+POE (RJ-45) cable

Wireless Communication
- Wifi 802.11 a/b/g/n/ac
- Bluetooth 5.0 Dual Mode

Power
- 5V/3A power source input
- Power button on keypad

Security
- Algorithm: 3DES, RSA
- Key Management: MK/SK, DUKPT
- Mutual Authentication
- Message Encryption
- PCI compliant Load Key process

Certification
- PCI PTS 6.x with SRED
- GBIC, and CC compliant
- EMV Contact L1 & L2
- EMV Contactless L1
- SONY FeliCa
- PayPass, PayWave, DPAS, ExpressPay, China UnionPay, JCB J-Speedy
- Mastercard TQM

Safety & Environmental Compliance
- FCC
- CE
- CB
- ROHS/WEEE/REACH

Dimension
- 166.7(L) x 82.1 (W) x 25(H) mm

Environmental
- Operating Temperature: 0°C to 50°C
- Storage Temperature: - 20°C to 60°C
- Operating Humidity: 5% to 85% (non-condensing)
- IP53 rating

Accessory
- Communication cable (USB or PoE)
- Power adapter 5V/3A
- Quick user guide/safety instruction
- Privacy shield (Optional)
- POE adaptor (Optional)
- Ethernet RJ45 cable (Optional)
- Standpod (optional)