# High Performance, Reliable, Cost Effective

# 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)

< SALE Total : \$ 13.50

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- 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)

Founded in 1993, XAC (TAIWAN OTC Securities Exchange 5490) is a leading R&D/Manufacturing company focused on transaction automation devices. XAC develops key component modules and low-cost secure platform architectures that can be leveraged to design customized solutions for its customers/partners. Today, XAC's technology can be found in cost-effective POS terminals, high-end countertop payment devices, Electronic Cash Registers (ECRs), wireless "pay-at-the-table" devices, multi-lane consumer activated terminals, outdoor payment terminals, PIN pads, Smartcard peripherals, RFID readers, gaming machines, cashless ATMs, kiosks, and countless other solutions. With a flexible and efficient manufacturing infrastructure, "in-house" key components, modules, and technical design expertise, XAC delivers cost-effective, high-quality solutions to customers in a timely manner. For more information about XAC, please visit <u>http://www.xac.com.tw</u>.

