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
- IP53 Ingress Protection rating
- Flexible wire communication options
- 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

Operating System

- Android 12
- Optional Android GO (Lite version)

Memory

- 2 GB SDRAM +16 GB eMMC,

<u>Optional</u>

- -1 GB SDRAM +8 GB eMMC (Lite version)
- -3 GB SDRAM +32 GB eMMC
- -4 GB SDRAM +64 GB eMMC
- MicroSD card slot x1 (Optional)

Display & Touch

- 3.5" (480x320) TFT color display
- Capacitive touch panel
- Adaptive brightness (Optional)

Audio

- Mono Speaker
- Buzzer
- Microphone

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 (Optional)
- SAM slot x 1 (Optional)

PINPAD

- 4x4 layout plastic keycap
- 0~9 numeric key
- Function key x 5
- ADA compliance
- Privacy shield

Camera

 - 5MP Fix-Focus front facing camera (8MP camera is optional)

8 9

- Support 1D/2D barcode scanning

Interface

Option#1: USB2.0 Dual connector cable Option#2: RS232+POE (RJ45) cable

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

Power

- 5V/3A power source input
- Power button x1

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
- SonyFelica
- PayPass, PayWave, DPAS, ExpressPay, China UnionPay, JCB J-Speedy
- Mastercard TQM

Safety & Environmental Compliance

- FCC
- CE - CB
- ROHS/WEEE/REACH

Dimension

- 165(L) x 81.5 (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)
- 5V/3A Power adapter
- Privacy shield
- Quick user guide/safety instruction
- 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>.