Proposal of Floor Standing Kiosk for ACF Technologies

External Design-1

116mm
1500mm
233mm

▶ Web camera

▶ 17inch capacitive touch display

▶ 80mm Receipt Printer

▶ Motor Card Reader

▶ PC

▶ Power Supply

▶ Circuit Breaker

External Design-2

- ▶ Web camera
- ▶ 17inch capacitive touch display
- ▶ 80mm Receipt Printer
- ▶ Motor Card Reader
- ▶ PC
- ▶ Power Supply
- ▶ Circuit Breaker

Main Specifications of Hardware Components

Part 1: Kiosk Enclosure

- Material: Cold Rolling Steel Sheet.
- Finishing: Chemical treatment and Powder Coating.
- Plate Thickness: 1.5mm thickness cold-roll steel frame for outer kiosk case.
- Security: Strong security locks.
- Elegant and smart design; Easy to install and operate; Moisture proof.
- Antirust, Anti-acid, Anti-dust, Static free.
- Color & Logo: Free upon customer's request.

Part 2: 17inch LCD Display

- Screen Diagonal: 17inch.
- White Luminance: 250cd/m2.
- Contrast Ratio: '1000:1(typ).
- Resolution: 1024* *1280.
- Response time: 5msec.
- Working temperature: 0 - 50℃.
- Certificate: RoHs compliance, TCO 6.0 compliance.

Part 3: 17inch Capacitive Touch Display

- Screen Size: 17inch
- Touch technology: Projected capacitive touch panel
- Input method: Hand writing or capacitive pen
- Number of touch point: 10 points
- Response Speed: <10ms
- Temperature: Operating：-20～70℃ Storage：-30～85℃
- Power requirements: DC5V±5% @Min 500mA

Part 4: Mini PC

- Chipset: Intel H81 Express Chipset
- CPU: Intel dual core i5, 3.3 GHZ
- RAM: 4G
- SSD: 128 G
- Graphics: Integrated Intel HD graphics, 4K support (features depends on processor)
- Video-outputs: 1x HDMI, 2x DisplayPort.
- Other connectors: SD card reader; 2x Audio (Line out, mic); 2x USB 3.0 (rear); 6x USB 2.0 (4x front); 2x Gigabit LAN (RJ45); supports WOL, PXE; 2x COM ports (RS232 + RS232/RS422/RS485); Connector for external power button; "Always on" Jumper onboard.
- PC power supply: External 90W fanless power adapter
- Operation system: Compatible with Windows 7 / 8.1/10, but it is not included.
- Customer should install the O.S with license locally

Part 5: Receipt printer

- Brand & Model: Custom K80
- Technology: Thermal printing
- Paper width: 80mm
- Printing speed: 100mm/s (8.5-12 input voltage);
- 200 mm/s (24V input voltage)
- Data buffer: 4KB
- Interface: RS232
- Auto cutter: included (partial cutter)

Part 6: Motor Card Reader

- Auto card insertion/ejection: Auto insertion, card in, out or captured can be controlled
- Supporting Card Type:
- Integrated chip card, IC card, magnetic card and RF card read/write,
- the three features can be used alone or simultaneously.
- Magnetic Card Standard: accordance with ISO7810 ,7811;
- Contact IC Card Standard : ISO7816-2;
- Contactless IC Card, Mifare Type A Support Mifare S50/ S70
- Durability: ＞ 500,000 cycles
- Card feeding speed: 250mm / s (+/- 20%)
- Interface: RS232
- Approval: EMV LEVEL-1

Part 7: Web camera

- Brand & Model: Logitech C525
- Resolution: 1280*720
- Pixel: 8,000,000 dpi
- Interface: USB 2.0

Part 8: Accessories

- Dual channel amplifier speakers, 8Ω5W
- Security Lock for anti-theft, circuit breaker, dust gauze, tray for easy maintenance, ventilation fans, Wire-Lan Port; Power sockets for electricity, USB ports; Cables, Screws, etc.

Part 9: Security Packing Method

- Plastic film + bubble foam + strong case