Phoenix
Mini-Kiosk

The Phoenix mini-kiosk, from AML, is a full-featured, general purpose mini kiosk with a wide variety of application possibilities in different vertical applications.

In retail stores it becomes the perfect customer portal for price lookups, stock checks, gift card balances and much more. In commercial or industrial applications, the Phoenix is an ideal time clock, an access control device, or a data collection terminal.

Powered by Windows® CE 6.0 and featuring a 5.6" full VGA display, the Phoenix comes with 2D barcode scanning, multiple USB ports and is Power-over-Ethernet ready. Variants of the Phoenix offer Wi-Fi connectivity and additional I/O through internal relays and optically isolated inputs. To further round out the Phoenix, users may choose to add a magnetic stripe reader (MSR) or HID proximity card reader.

Specialized Add-On Modules:

The Phoenix accepts add-ons to extend kiosk functionality for advanced features

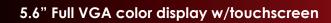*Magnetic Stripe Reader Attachment*

HID Proximity Card Reader Attachment

Mounting Options:

RAM Mount Kit   *Pole Mount Bracket*   *Quick Mount Wall Bracket*

- **5.6" Full VGA color display w/touchscreen**
- **Wired or wireless network connectivity**
- **Power-over-Ethernet ready**
- **Optional Magnetic Stripe (MSR) or HID Proximity readers for user input**
- **Multiple USB and RS-232 ports**
- **User programmable I/O**
- **Windows® Embedded CE 6.0 Operating System**

MADE IN
USA
SINCE 1983

General Specs

Dimensions	14.6 cm L x 16.8 cm W x 5.0 cm D; 5.750" L x 6.625" W x 2.000" D
Weight	1.00 lbs / 453g
Display	5.6" VGA (640x480), 16-bit Color TFT LCD
Touchscreen	Integrated resistive touch panel
Power Supply	Power-over-Ethernet (802.3af compliant); 12V DC 2.1 mm barrel jack; Optional +24V/+48V connector
Internal UPS Battery	Optional 7.4V 2-Cell 2200 mAh Lithium-ion, ~2 hours runtime
Keypad	Four integrated momentary push buttons
I/O Ports	Three USB 2.0 high speed host ports; two RS-232 (one RJ-45, one expansion header); one Wiegand interface (header); two isolated digital inputs (screw terminal block); two isolated micro-relay outputs (screw terminal block); two internal bar code decoder connector (12 & 14 Pin FPC flex)
Networking	10/100Base-TX fast Ethernet; 802.11b/g/n wireless radio (optional internal USB type)
Audio	Integrated speaker and amplifier (tonal)
Color	Black; optional custom colors available for enterprise-wide installations (call for details)
Bar Code Scanner (optional)	Integrated omni-directional 2D imager
Card Readers (optional)	Magnetic stripe reader; HID® ProxPoint® proximity card reader

Performance Specs

Processor	Freescale® i.MX283 @ 454 MHz
Architecture	32-bit ARM926EJ-S™ with 16KB I-Cache and 32KB D-Cache
Memory (RAM)	128 MB DDR2
Memory (Flash storage)	512 MB Integrated Flash
Memory Expansion	microSD Card Socket
Operating System	Windows® Embedded CE 6.0 R3

Environmental Specs

Operating Temp	-20° to 50° C / -4° to 122° F
Storage Temp	-30° to 60° C / -22° to 140° F
Humidity	0% to 90% RH, non-condensing
Electrostatic Discharge	15kVDC through air; 8kVDC contact
Sealing	IP54; NEMA 12

Wireless Radio Specs (optional)

Radio	IEEE 802.11n Draft v2.0; IEEE 802.11b; IEEE 802.11g
Frequency	2.4 GHz Range
Signal Rates	11n (40MHz): up to 300Mbps 11n (20MHz): up to 144Mbps 11g: up to 54Mbps 11b: up to 11Mbps
Output Power	802.11b: 17± 1dBm 802.11g: 17± 1dBm 802.11n: 15± 1dBm
Antenna Configuration	1T2R Internal Antenna (1 Transmit / 2 Receiving)
Receive Sensitivity	802.11g: -70dBm @54Mbps 802.11b: -83dBm @11Mbps 802.11n: -83dBm @11Mbps
Security	None 64/128 Bit WEP WPA/WPA2 Personal (PSK) WPA/WPA2 Enterprise (EAP) 802.1x Authentication Supplicants

Mounting & Accessories (optional)

Mounting Kits	Pole or post mount kit; angled wall mount kit; Adjustable universal RAM Mount™ kit
Peripheral Kits	Top-mount MSR kit; Side-mount HID® ProxPoint Plus® kit

Regulatory Specs

Certifications	FCC Part 15 Class A
Environmental	RoHS, Pb-Free

Maintenance & Support

Standard Warranty	One year standard warranty agreement
Optional	Extended Warranty Plus (3 years); Extended Warranty (3 years); CARE Plan Extended Warranty (3 years)

Powered by Windows® Embedded

CE   RoHS COMPLIANT