



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:



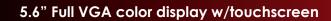




Pole Mount Bracket



Quick Mount Wall Bracket



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



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-over-Ethernet (802.3af compliant); **Power Supply** 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 Integrated omni-directional 2D imager (optional) **Card Readers** Magnetic stripe reader; HID® ProxPoint® (optional) proximity card reader

Performance Sp	ecs
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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
	000 11h 02 dB 00 @11h 4b 00

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;

Regulatory Specs

Certifications	FCC Part 15 Class A
Environmental	RoHS, Pb-Free
	Side-mount HID® Proxpoint Plus® kit

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)

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Specifications are subject to change without notice.

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Corporate Headquarters 2190 Regal Parkway Euless, Texas 76040

Sales & Customer Service Tel: 800-648-4452 Fax: 817-685-6232 Email: sales@amltd.com www.amltd.com Local: 817-571-9015 Fax: 817-571-6176

Technical Support Tel: 877-842-3990 Fax: 817-685-6232 Email: support@amltd.com





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 - · Hardware disposal
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