

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

General Specifications

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	1.45 lbs / 658g
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 RJ-45 connectors (one RS-485/RS-232, one debug); one Wiegand interface (header); two isolated digital inputs (screw terminal block); two isolated micro-relay outputs (screw terminal block)
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, CCD
Card Readers (optional)	Magnetic stripe reader; HID@ ProxPoint@ proximity card reader

Performance Specifications

Processor	Freescaler@ 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 Specifications

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

Standard Warranty

AML products are warranted against defects in material and workmanship under normal use and service for a period of one year from the date of purchase. The obligation of AML under this warranty is limited to furnishing labor and materials necessary to return the product to its normal operating condition, or to replace the unit, at AML's discretion, and only on a "return to factory" basis. This limited warranty does not extend to any product, which has been modified, misused, abused, or incorrectly installed. Warranty, also, does not extend to any product that has been repaired or altered by any party other than AML, or has been subjected to unusual physical or electrical stress, negligence or accident. Prior to returning a product for repair, the user must obtain a Return Authorization Number, which must be clearly marked on the outside of the shipping container.

Specifications are subject to change without notice. All names and products are the trademarks or registered trademarks of their respective organizations. Windows is a registered trademark of Microsoft Corporation in the United States and other countries.

Wireless Radio Specifications (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 Specifications

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)



Corporate Headquarters
2190 Regal Parkway
Eules, Texas 76040

Sales & Customer Service
Tel: 800-648-4452
Fax: 817-685-6232
Email: sales@amlt.com

www.amltd.com
Local: 817-571-9015
Fax: 817-571-6176

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

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