Monarch

(AML)

The Monarch is the latest innovation in self-service kiosk technology from AML.

Combining the power of a desktop computer and the user experience of a tablet, the **Monarch** is the *ideal* built-for-purpose kiosk designed for retail, hospitality and commercial applications.

While providing a powerful 1.4GHz, 64-Bit processor, a 10.1" color display, integrated 2D barcode scanning and an optional Wi-Fi/Bluetooth radio, the Monarch consumes less than 13 watts of power and comes **PoE Ready** (Power-over-Ethernet).

The **Monarch** is the ultimate in power and versatility, *unmatched* by any other self-service kiosk in its class.

Put the power of the Monarch at your customer's fingertips with modern touch-friendly apps:

- Endless Aisle
- Gift Card Balances
- DVD/CD Preview
- Enrollment Programs
- Wayfinding
- Product Information Portal
- Gift Registry
- Price Verification

The Monarch with Windows™ Embedded 8.1 Industry Pro® is ideally suited for...

Developers:
- Leverage traditional Windows Applications.
- Develop Windows 8 Modern-style apps.
- Utilize Projective Capacitive Multipoint Touchscreen for gesturing/swiping.

Business IT:
- Seamless enterprise integration and management, same as Windows PCs and Servers.
- Enhanced Security Technologies: Secure Boot, Trusted Boot and BitLocker.
- Advanced Lockdown Features utilize USB, Gesture, Keyboard, Dialog, Notification and Unified Write filters.
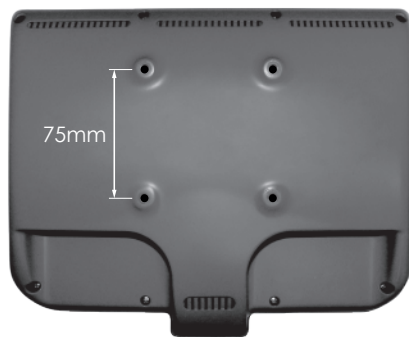
MADE IN USA SINCE 1983

Physical Specs

Dimensions	267mm W x 211mm H x 47mm D 10.5" W x 8.3" H x 1.9" D
Weight	2.15 lbs / 0.98 kg
Display	10.1" LCD, 1280 x 800 resolution IPS Projective Capacitive Multi-touch
Power	5VDC, PoE (802.3af and 802.3at)
I/O Ports	USB 2.0 x 2 RJ45 Gigabit Ethernet with PoE Mini PCI Express HDMI Output
Speaker	Stereo 3W
Barcode Scanning	2D Imager

Mounting

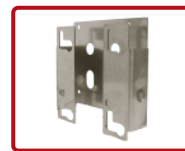|	
Mounting	VESA 75mm standard mount pattern

75mm

Performance Specs

Processor	Intel® Atom™ E3815 1.46GHz 64-Bit Single Core Processor (Optional Dual Core Available)
Operating Platform	Windows™ Embedded 8.1 Industry Pro ®
Memory (RAM)	2GB DDR3L 1066 MT/s
Internal Storage	32GB mSATA SSD; 4GB eMMC 4.5
External Storage	Micro SDHC capable up to 64GB

Optional Peripherals & Accessories

Power Adapter

Mounting Bracket

Wireless Data Communicatons

WLAN	Optional: 802.11 BGN 2X2 with Bluetooth 4.0 Smart Ready

Environmental Specs

Operating Temp	0 to 40 C / 32 to 104 F
Storage Temp	-20 to 60 C / -4 to 140 F
Humidity	5% to 90% (non-condensing)

Why PoE?

Power-over-Ethernet is a means by which a device can derive electrical power *other* than from a battery or an electrical outlet. The power is literally transmitted over unused lines of the Ethernet cable, used for the wired network connection, by installing power injectors at the network switch. In fact, some switches are available with PoE built-in. Ethernet cabling is considered "low voltage" and *does not* need to be installed by a licensed electrician or enclosed in metal conduit, nor is it terminated in an unsightly outlet box.

Using **PoE** gives the user the flexibility to place the device anywhere an Ethernet cable can be pulled, without having to install a power outlet.

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SINCE 1983 ★★★★★