Firebird

Enterprise Kiosk

AML

The *Firebird Enterprise Kiosk* is an all-in-one Android computer with integrated barcode scanning. Designed for a variety of applications in retail, commercial, and light industrial settings, the Firebird is Made in America. Applications might include price checking, time clock, access control, labor tracking, and much more.

Featuring a 7-inch capacitive touchscreen display, the Firebird can be powered with a PoE (Power Over Ethernet) connection, simplifying installation and deployment. Internal USB ports support the addition of label and tag printers, as well as card readers and biometric devices.

A unique feature of the Firebird is its ability to be configured in either a landscape or portrait mode. Built with industrial-grade components, Firebird will outlive consumer-grade tablets many times over.

MADE IN USA SINCE 1983

Features	Benefits
Lightweight, Compact Design	*Firebird's* compact design is ideal for situations where a small footprint is desired. The smaller build of this kiosk gives users the flexibility to set up the kiosk in multiple locations throughout the facility such as poles, walls, counters or endcaps.
7" LCD with Capacitive Touch Screen	The *Firebird* kiosk features a multi-touch capacitive touchscreen that allows for on-screen gesturing users are accustomed to in their personal devices. The kiosk also features an RGB LED light bar for device and scan status visual feedback.
High Performance Architecture	*Firebird* ships with the Android 13 operating system powered by the Qualcomm QCS6490 octa-core processor running at speeds of up to 2.7 GHz.
Commercial-grade components	Using consumer-grade devices becomes a financial headache for businesses in the long run as the cost to repair or replace parts isn't cost-effective. *Firebird* was built with commercial-grade components made to withstand long-term continuous usage.
Integrated barcode scanner	At its core, the main functionality of *Firebird* is to act as a standalone stationary computer equipped with a 2D omnidirectional scan engine. This kiosk is useful in many scenarios including scanning badges, gift cards, products, raw materials and even tools used in the workplace.
Power-over-Ethernet	Power-over-Ethernet is a standard feature on all AML kiosks. No need to locate the device near an AC wall outlet as long as an Ethernet connection to a PoE-equipped network is available.

Physical Specifications

Dimensions	212mm W x 142mm H x 33mm D 8.3" W x 5.7" H x 1.3" D
Weight	1.25 lbs / 0.57 kg
Display	7" LCD, 720 x 1280 resolution Projective Capacitive Multi-touch
Power	5VDC, PoE (802.3af and 802.3at)
I/O Ports	DC Input (5V) Ethernet+PoE (10/100) USB Host (2.0) x 3 USB Type C (for Debug/App Development)
Audio	Dual 2W Speaker (landscape mode) Single Speaker (portrait mode) Headphone/Mic port (3.5mm standard CTIA Phone Jack)
Scan Engine	2D Omnidirectional
Indicator	Multicolor LED Lightbar

Performance Specifications

Processor	Qualcomm® QCS6490 Octa-core Kyro 670 CPU, 2.7 GHz
OS	Android™ 13+
Memory (RAM)	4GB LPDDR4
Internal Storage	64GB Flash
Camera (Optional)	13MP, 74.4 degrees, with Autofocus

Wireless Data Communications

WLAN	802.11ax (Wi-Fi 6E)
WPAN	BLE 5.2 Dual Mode

Optional Peripherals & Accessories

Power Supply	Adjustable Angle Mounting Bracket	15° Quick Mount Wall Bracket
PWR-7150US	ACC-0794	ACC-0793

Environmental Specifications

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)

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.

Price Verification
Loyalty Programs
Expanded Product Info
Stock Check
Gift Registry
Wayfinding
Videos
Digital Catalog
Time Clock

Firebird is also available in a portrait configuration. ▶

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