Product Features

- Front camera
- Power LED
- Light sensor
- Speaker
- Micro SIM and micro SD card slot
- Programmable key
- AIM extension port
- Volume control
- Rear camera
- Mic
- NFC
- Power button
- AIM extension port
- Micro HDMI port
- Power button
- Volume control
- AIM
- Pogo pin connector
- Audio jack
- Battery cover
- Micro USB
- USB 3.0
- Micro HDMI
- Combo audio jack
- DC-in jack
- Pogo pin connector
- SD + SIM door
- Speakers

Expandability

Connectivity

Durability

Flexibility

Purpose-Built Mobile Computing Solution

AIM Industrial Tablets

AIM 65

AIM 68

AIM 65 Product Specifications

- CPU: Intel® Atom™ x5-Z8350 quad-core, 1.44 GHz, 2M cache
- OS: Windows 10 IoT Enterprise, Android 6.0
- Memory: 2/4 GB (default 2 GB)
- eMMC: 32/64 GB (default 32 GB)
- Display: 8" WUXGA LCD (1920x1200), IPS, 400 nits
- Touch Panel: 10-point multi-touch P-CAP touch control, Corning® Gorilla® Glass 3
- WiFi: 802.11 b/g/n, BT 4.0
- Camera: Front: 2 megapixels; Rear: 5 megapixels
- Multimedia: 1 x digital microphone, 1 x 1W speaker, 1 x combo audio jack
- Battery: Hot-swappable battery: 3.8 V, 18.6 W, with battery meter
- Battery life: 6 ~ 8 hrs
- Temperature: Operating: -10 ~ 50 °C (14 ~ 122 °F)
- Storage: -20 ~ 60 °C (-4 ~ 158 °F)

AIM 68 Product Specifications

- CPU: Intel® Atom™ x7-Z8750 quad-core, 1.6 GHz, 2M cache
- OS: Windows 10 IoT Enterprise, Android 6.0
- Memory: 4 GB
- eMMC: 64 GB
- Display: 11.6" WUXGA LCD (1920x1200), 380/800 nits (optional)
- Touch Panel: 10-point multi-touch P-CAP touch control, Corning® Gorilla® Glass 3
- WiFi: 802.11 b/g/n, BT 4.0, LTE (optional)
- Camera: Front: 2 megapixels; Rear: 5 megapixels
- Multimedia: 2 x digital microphone, 2 x 2W speakers, 1 x combo audio jack
- Battery: Hot-swappable battery: 10.8 V, 25.92 W, with battery meter
- Battery life: 5 ~ 6 hrs
- Temperature: Operating: -10 ~ 50 °C (14 ~ 122 °F)
- Storage: -20 ~ 60 °C (-4 ~ 158 °F)
Advancements in mobile technology are transforming field service operations. Mobile computing devices provide real-time data access, enabling field workers to make informed decisions on the spot. This streamlines workflows and improves efficiency by ultimately reducing costs and increasing productivity.

Advantech’s AIM series tablets feature an Intel® Atom™ processor with dual OS support for Windows IoT Enterprise and Android 6.0. Built-in Wi-Fi, NFC, 3G/4G LTE, and Bluetooth technology enable high-speed data transmissions and real-time communication with a centralized management center as well as other field devices. Moreover, their lightweight, fanless design ensures maximum portability for easy operation.

The AIM series tablets are also equipped with extension ports for integrating additional modules that expand the system functionalities to support a wide range of applications.

Features

- **Slim, lightweight, fanless design** ensures maximum portability for easy and convenient operation in any location.
- **Dual OS support for Windows IoT Enterprise and Android 6.0** ensures hassle-free installation with the provision of a single OS image for diverse tablet configurations.
- **Industrial Reliability** Features 4-ft. drop tolerance and IP65 ingress protection to ensure durability for industrial applications.
- **Dual OS Support**
- **Integrated Dashboard** Features a mobile-friendly dashboard with programmable button and auto-power off setting that supports data visualization for diverse applications.
- **Flexible Customization** The tablets can be flexibly customized with a specific logo or icon to enhance corporate branding and ensure seamless integration with existing systems.
- **Hot-Swappable Battery with Meter** The hot-swappable battery with capacity meter that shows the remaining power and recharge status minimizes system interruptions for reliable long-duration operation.
- **Lightweight Design**
- **Sunlight-readable display with optical bonding (AIM-68)** supports operation in outdoor and harsh environments.
- **Application-Oriented Peripherals** Equipped with extension ports for integrating additional modules and docking stations to support a wide range of applications.
- **Integrated Docking/Accessories** Features a mobile-friendly dashboard with programmable button and auto-power off setting that supports data visualization for diverse applications.
- **Mobile Device Management** Equipped with SOTI software to support the integration and management of multiple mobile devices.

AIM Series Tables

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**AIM Series Peripherals for Diverse Applications**

- **Extension Modules**
  - WIFI 802.11ac Wave 2
  - Bluetooth v4.2 BLE
  - NFC
  - UHF RFID Reader
  - RJ45+COM
  - Barcode Scanner (20°)
  - Barcode Scanner (70°)
  - UHF RFID Reader
  - RFID Reader
  - Radio Module
  - Multi-Terminal Charging Station
  - Multi-Terminal Charging Station
  - Two Tablets (2 x)
  - Battery Backup (7 x)
  - Custom Module

**Docking/Accessories**

- **Vehicle Dock**
- **Office Dock**
- **Wall Mount Dock**
- **Multi-Tablet Charging Station**
- **Multi-Terminal Charging Station**
- **Extension Shelf**
- **Hand Shelf**

**Application Scenarios**

- **Vehicle**
- **Office**
- **Warehouse**
- **Public Safety**
- **Manufacturing**
- **Field Service**
- **Manufacturing Optimization**