

Product Features



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
Wireless	1. Wi-Fi 802.11 b/g/n, BT 4.0, LTE (optional) 2. Wi-Fi 802.11 ac/b/g/n/ac, Bluetooth® v4.2
Camera	Front: 2 megapixels; Rear: 5 megapixels
Multimedia	1 x digital microphone, 1 x 1W speaker, 1 x combo audio jack
I/O	1 x Micro HDMI 1 x AIM extension 14-pin pogo 1 x AIM dock 16-pin pogo connector 1 x Micro USB 2.0, 1 x Micro SIM
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)
Drop Protection	Up to 120 cm (4 ft) onto plywood over concrete
IP Rating	IP65
Safety/EMC	UL, CB, LVD + ENERGY STAR 6.1, CE, FCC, IC, VCCI, RCM, CCC, BSMI
Certifications	FCC ID, TELEC, NCC, SRRC, RCM, CCC, RED, IC
Dimensions	142 x 240 x 14.5 mm (5.59 x 9.44 x 0.57 in)
Weight	600g (1.32 lb)

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	110.1" WUXGA LCD (1920x1200), 380/800 nits (optional)
Touch Panel	10-point multi-touch P-CAP touch control, Corning® Gorilla® Glass 3
Wireless	1. IEEE 802.11 a/b/g/n/ac, Bluetooth® v4.1 2. 4G LTE multi-device broadband
Camera	Front: 2 megapixels; Rear: 5 megapixels
Multimedia	2 x digital microphone, 2 x 2W speakers, 1 x combo audio jack
I/O	1 x Micro HDMI 1 x AIM extension 14-pin pogo 1 x AIM dock 16-pin pogo connector 1 x USB 3.0, 1 x 19 V DC-in jack 1 x SIM, 1 x Micro SD card
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 ~ 70 °C (-4 ~ 158 °F)
Drop Protection	Up to 120 cm (4 ft) onto plywood over concrete
IP Rating	IP65
Safety/EMC	UL, CB, LVD + ENERGY STAR 6.1, CE, FCC, VCCI, BSMI
Certifications	FCC ID, TELEC, NCC, SRRC, RCM, CCC
Dimensions	280 x 180.1 x 18.3 mm (11 x 0.7 x 7.1 in)
Weight	980 g (2.2 lb)



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Please verify specifications before quoting. This guide is intended for reference purposes only. All product specifications are subject to change without notice.
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Purpose-Built Mobile Computing Solution

AIM Industrial Tablets

AIM-65/AIM-68



Expandability		Durability	Flexibility
Connectivity			

AIM Series Tablets

Features

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 to ultimately optimize quality and increase 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.



Industrial Reliability

Features 4-ft. drop tolerance and IP65 ingress protection to ensure durability for industrial applications.



Mobile Device Management

Equipped with SOTI software to support the integration and management of multiple mobile devices.



Outdoor & Harsh Environments

Sunlight-readable display with optical bonding (AIM-68) supports operation in outdoor and harsh environments.



Dual OS Support

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.



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.



Application-Oriented Peripherals

Equipped with extension ports for integrating additional modules and docking stations to support a wide range of applications.



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.



Lightweight Design

Slim, lightweight, fanless design ensures maximum portability for easy and convenient operation in any location.

AIM Series Peripherals for Diverse Applications

Extension Modules



UHF RFID Reader



RJ45+COM



Barcode Scanner (20°)



Barcode Scanner (70°)



Custom Module

Docking/ Accessories



Vehicle Dock



Office Dock



Wall Mount Dock



Multi-Tablet Charging Station



Multi-Battery Charging Station



Shoulder Strap



Hand Strap

Warehouse Management

Manufacturing Optimization

Field Service

Fleet Management

Public Safety

Application Scenarios

