

Layout



AIM-65 Product Specifications

CPU	Intel® Atom™ quad-core x5-Z8350 (1.44 GHz)
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 IPS LCD with 400-nit brightness and 1200 x 1920 resolution
Touch Panel	Corning® Gorilla® Glass 3 with 10-point multi-touch P-CAP control
Wireless	802.11 b/g/n, BT4.0, NFC, 3G/LTE (optional)
Camera	Front: 2 megapixels; Rear: 5 megapixels
Multimedia	1 x digital microphone, 1 x speaker, 1 x audio combo jack
I/O	1 x micro HDMI, 1 x micro USB 2.0, 1 x dual micro SIM and micro SD tray, 1 x 16-pin pogo connector (USB 3.0 + power), 1 x 14-pin pogo connector (USB 2.0 + TX/RX + power)
Battery	3.8 V, 18.6 W, with battery meter; replaceable
Temperature	Operating: -10 ~ 50 °C (14 ~ 122 °F); 0 ~ 40 °C (32 ~ 104 °F) when charging Storage: -20 ~ 60 °C (-4 ~ 140 °F)
Impact Tolerance	Passed 4-foot (120-cm) drop test onto concrete
IP Rating	IP65
Safety/EMC	UL, CB, LVD + Energy Star 6.1, CE, FCC, IC, VCCI, RCM, CCC, BSMI
Certifications	RED, FCC ID, IC, TELEC, NCC, SRRC, RCM
Dimensions	142 x 240 x 14.5 mm (5.59 x 9.44 x 0.57")
Weight	600 g (1.32 lb)

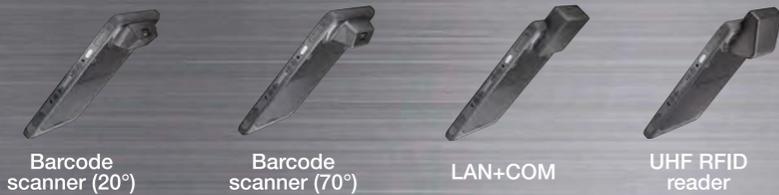


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Expandability

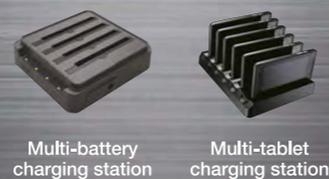
Maximize Functionality



Configure to the Job



Grab and Go



Purpose-Built Solution
AIM-65

Field Service Application-Oriented Extensions

Manufacturing Transportation Fleet Management Warehousing

AIM-65

Advancements in mobile technology are transforming field service operations. Mobile computing devices provide real-time access to data, 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-65 rugged 8" tablet features an Intel® Atom™ x5-Z8350 processor with dual OS support and a lightweight (600 g), fanless design to ensure maximum portability and configuration flexibility. Built-in Wi-Fi, NFC, 3G/4G LTE, and Bluetooth 4.0 technology is provided to enable high-speed data transmissions and real-time communication with backend control systems. AIM-65 is also equipped with two extension ports for integrating diverse peripheral modules in order to provide customizable application-specific solutions.

Features



Industrial-Grade Reliability

Built to withstand operation in harsh environments, AIM-65 features 4-ft. drop tolerance and an IP65 rating for protection from dust and water ingress.



Thin, Lightweight Design

AIM-65's slim (14.5 mm) and lightweight (600 g) design ensures portability and convenient operation.



Flexible Configuration

Aimed at diverse applications, AIM-65 features front and rear cameras and supports both touch and stylus control, as well as Wi-Fi, NFC, and Bluetooth connectivity.



Dual OS Platform

AIM-65 supports both the Windows 10 IoT Enterprise and Android 6.0 operating systems to enable flexible configuration according to specific requirements.



Swappable Battery with Battery Meter

AIM-65 features a swappable battery that supports long-duration usage. The accompanying battery meter shows the remaining power and recharge status.



AIM Android

AIM-65 equipped with the AIM android platform offers industrial-grade security and enterprise management for optimized operations.

Field Service



Warehousing



Office docking station



LAN + COM



Holster



VESA docking station



UHF RFID reader



Active stylus

Manufacturing



Advanced VESA docking station



Barcode scanner (20°)



Multi-battery charging station

Transportation



Multi-tablet charging station



MSR reader



Shoulder strap

Fleet Management



Vehicle docking station



Barcode scanner (70°)



Hand strap