

AIM-58

10.1" Industrial Tablet with Intel® Atom™ Processor



Features

- Intel® Atom™ processor with Windows 10 IoT & Android 6.0 operating systems
- 10.1" WUXGA full HD display with scratch-resistant Corning® Gorilla® Glass 3 and multi-touch PCAP control
- WLAN, BT, NFC & 4G LTE technologies for seamless communication
- Optional docking stations include vehicle, VESA, and desk docking stations
- Optional extension modules such as 1D/2D barcode scanners and a LAN+COM module
- Optional accessories include a stylus, hand strap, and shoulder strap
- Additional modules and accessories can be customized according to application requirements



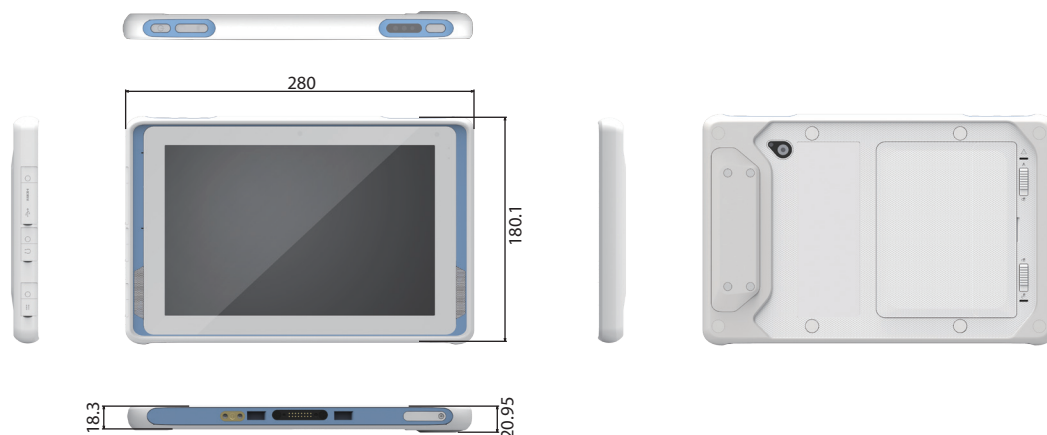
Specifications

System	Processor	Intel® Atom™ x7-Z8750 quad-core, 1.6 Ghz (2M cache, up to 2.56 Ghz)
	Memory	4 GB LPDDR3 (up to 8 GB)
	OS	Windows 10 IoT Enterprise, AIM Android 6.0
Storage	eMMC	64 GB default (up to 128 GB)
	Type	10.1" FHD LCD
Display	Resolution	WUXGA 1920 x 1200
	Brightness	380/800 cd/m ² (optional)
	Construction	Corning® Gorilla® Glass 3 with 10-point P-CAP touch control
Audio	Speaker	2 x internal speakers (2 W)
	Audio Jack	1 x audio combo jack (combines stereo audio output and mono microphone input)
	Camera	2.0-megapixel auto-focus camera
Sensors	Rear	5.0-megapixel auto-focus camera with LED flash
		Ambient Light Sensor, G-sensor / eCompass
Barcode Scanner	Barcode Scanner (Optional)	Integrated 1D/2D barcode scanner
	Standard I/O	1 x micro HDMI, 1 x USB 3.0, 1 x combo audio jack, 1 x 19 VDC-in jack, 1 x SIM card reader, 1 x micro SD card reader
I/O Interface	Extended I/O	1 x AIM module pogo pin connector at rear for supporting AIM extension modules
	Docking	16-pin pogo pin connector
	Buttons	1 x power button, 2 x volume keys (up/down), 1 x programmable function key
	LED Indicator	Full: green (100%); Charging: blue; Low: red (≤10%)
Wireless Communication	WLAN/Bluetooth	IEEE 802.11a/b/g/n/ac, Bluetooth® v4.1
	WWAN (Optional)	4G LTE module with AGPS
	NFC	13.56 MHz
GNSS	Satellite System (Optional)	Standalone GPS supports GLONASS, BeiDou
Power System	Power Adapter	Input: 100-240 V ~ 1.5 A 50/60 Hz, Output: 19 V, Max.65 W
	Battery	Hot-swappable smart battery with capacity LED indicators; Capacity: 26 WHr Operating time: Approx. 5.5hrs operation (dependent on user scenario*), Charging time: <3hrs
Mechanical	Dimensions (W x D x H)	280 x 18.3 x 180.1 mm (11 x 0.7 x 7.1 in)
	Weight	Approx. 980 g (2.2 lb)
Environment	Operating Temperature	-10 ~ 50 °C (14 ~ 122 °F)
	Storage Temperature	-20 ~ 70 °C (-4 ~ 158 °F)
	IP Rating	IP65
	Shock	Operating: 10 ~ 20 G, 11 ms; Non-operating: 50 G, 11 ms
	Vibration	Operating: (5 ~ 500 Hz) 0.5 ~ 1 G; Non-operating: (5 ~ 500 Hz) 0.04 PSD
	Humidity	Operating: 10 ~ 90% @ 40 °C non-condensing Storage: -10 ~ 95% non-condensing
	Altitude	Operating: sea level 0 to 3048 m (10k ft); Storage: sea level 0 to 12192 m (40k ft)
	Drop Tested	Up to 120 cm (4 ft) onto plywood over concrete
	Certifications/Safety/EMC	CE, CB, VCCI, UL60950 (ITE), UL2054, UN38.3, IEC62133, PSE for battery pack, FCC ID/PTCRB/R&TTE/SRRC/TELEC, FCC15 Class B, CE Mark (DOC Class B), REACH, RoHS

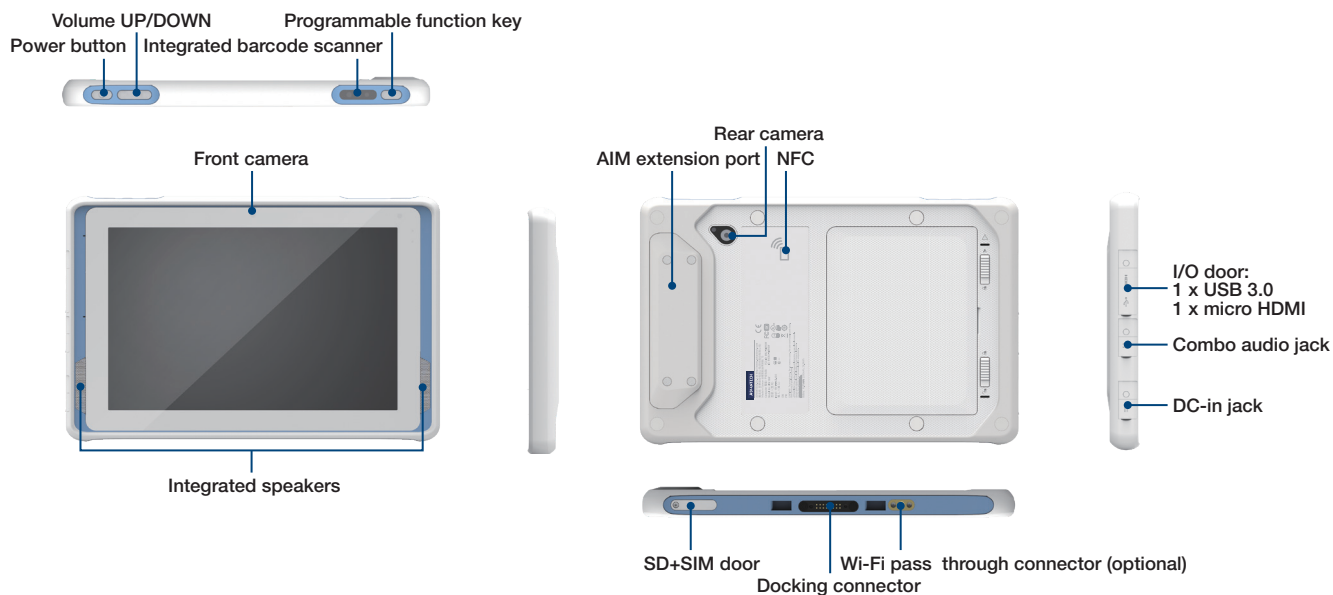
**Testing method: JEITA 2.0. The battery duration and recharge time may vary according to different factors such as screen brightness, applications, features, power management, battery condition, and other configurable settings.

Dimensions

Unit: mm



Front/Rear/Side I/O View



Ordering Information

Part Number	Description	Memory	Storage	LCD	Barcode	NFC	Wi-Fi/BT	LTE+GPS	F-Camera	R-Camera	OS
AIM-58CT-12101000	10I/4G/64G/WIN10/AC/G	4 GB	64 GB	380 nits	X	V	V	X	2M	5M	Win 10 IoT Enterprise
AIM-58CT-13101000	10I/4G/64G/A6.0/AC/G/	4 GB	64 GB	380 nits	X	V	V	X	2M	5M	Android 6.0

Optional Accessories

Part Number	Description
1700001947	Power cord UL 2P 7A 125 V 183 cm
1700002141	Power cord PSE 2P 7A 125 V 183 cm
1700008972	Power cord CCC 2P 2.5A 250 V 183 cm
1700001948-11	Power cord EU 2P 2.5A 250 V 183 cm

AIM-58 Packing List

Description
1 x AIM-58
1 x 10.8V/2400mAh lithium-ion battery
1 x AC/DC adaptor
1 x 2-pin power cord

For sales inquiries or further information, please contact us at Mobile@advantech.com.tw