

AIM-55

8" Medical Grade Tablet PC Series



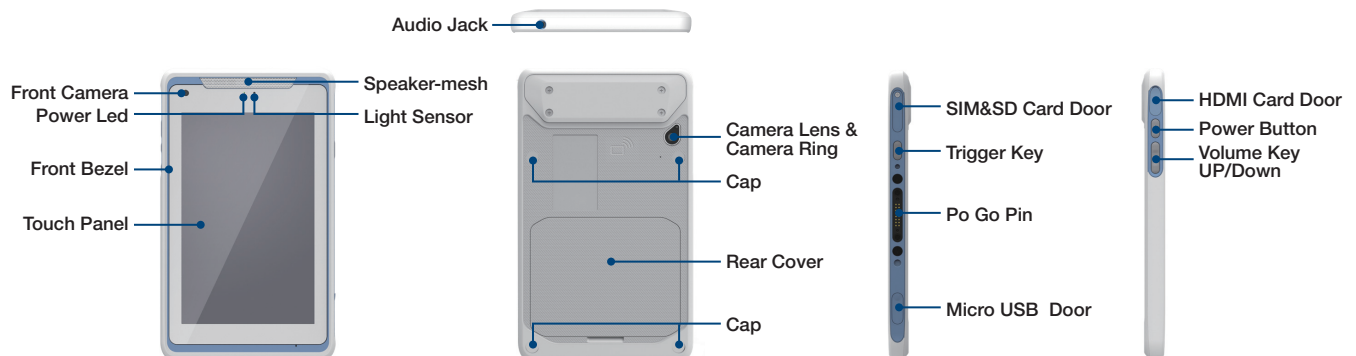
Features

- Built in Intel® Atom™ processor with dual OS platform. (Windows / Android)
- Medical-Grade 8" 1920 x 1200 IPS Panel with 400 nits brightness
- Equipped Gorilla® Glass 3, Anti-Glare, Anti-Fingerprint, Direct Bonded Touch Panel against scratch
- Supports glove mode and stylus with palm detection to expand usability
- IP65 water and dust protection/ 4ft drop compliant
- Comprehensive communication technologies including 3G/4G, WLAN, BT, NFC, GPS and HDMI output
- Camera module supports up to 13MP auto focus with LED flash
- Device support Windows 10 IoT Enterprise & Android 6.0 dual OS
- AIM Extension 14-pin Pogo connector support Extension Modules for 1D/2D Barcode scanner with 20 & 70 degree design, LAN COM, MSR
- AIM Dock 16-pin Pogo connector support Cradle & Docking peripherals : VESA Dock & stand, Multi tablet & battery charging station
- Certificated with latest medical standard : IEC 60601-1, EN 60601-1

Specifications

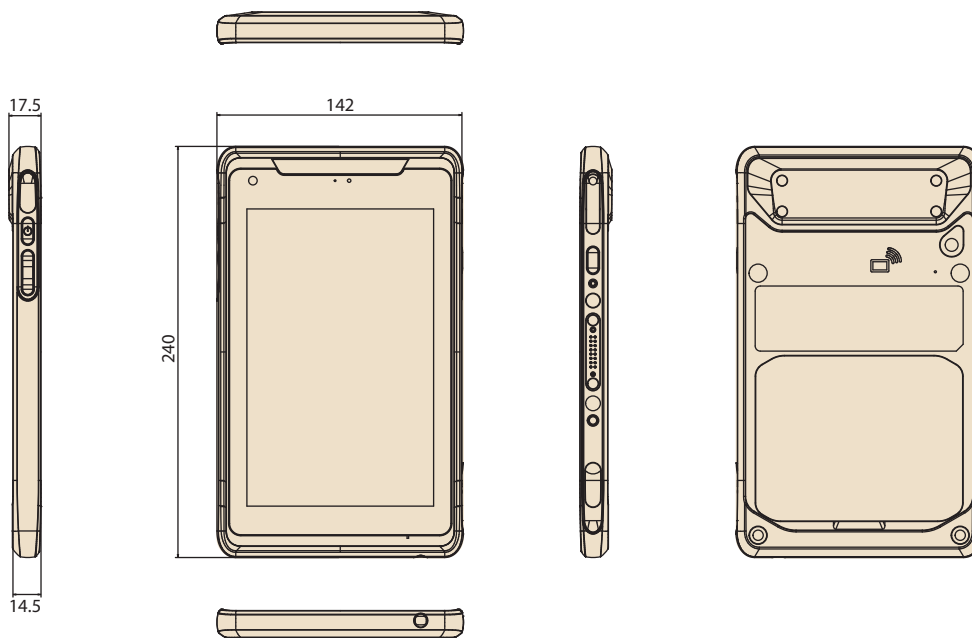
CPU	Intel CHT T3 Z8350
RAM	2GB / 4GB
Display Size	8 inch TFT IPS Panel
Resolution	1920 x 1200, 400 nits
OS	Windows 10 IoT / Android 6.0
Storage (ROM)	eMMC 32GB / eMMC 64GB
Camera	Front 2M / Back 5M
WLAN	802.11 b/g/n, BT4.0
WWAN / LTE	WWAN (LTE) + AGPS (GPS/GLONASS) Supported Bands: North America, EU
NFC	13.56MHz, compatible with ISO 15693, ISO 14443A, ISO 14443B, FeliCa
Battery	Detachable Battery with Battery meter. Hard Pack, 1S2P: 3.8V 4900mAh (18.62Wh)
Power Input	Micro USB 5V/3A
Certification	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, IEC 60601-1, EN 60601-1, EN 1789
Optional Add-on Module	1. Barcode scanner 20 degree (ITE certificated) 2. Barcode scanner 70 degree (ITE certificated) 3. LAN COM (ITE certificated) 4. Hand strap 5. Shoulder strap 6. EETi stylus (Touch pen)
Optional Docking/Cradle	1. VESA Docking (ITE certificated) 2. VESA Docking stand 3. Multi tablet charging station (ITE certificated) 4. Multi battery charging station (ITE certificated)

Product View / Function Introduce



Dimensions

Unit: mm



Tablet Ordering Information

Medical grade

P/N	Description
AIM-55AT-12301001	Intel x5-Z8350 Cherry Trail 1.44GHz 4GB+64GB WiFi Win10 IoT 64 bit
AIM-55AT-13301001	Intel x5-Z8350 Cherry Trail 1.44GHz 4GB+64GB WiFi Android 6.0

Peripherals Ordering Information

P/N	Description
AIM-BCRS-0020	20 degree barcode scanner (Honeywell 3680)
AIM-BCRS-0070	70 degree barcode scanner (Honeywell 3680)
AIM-LANC-0001	LAN COM (RJ45x1, COMx1)
AIM-SRPO-0000	Hand strap with screw
AIM-SRPO-0001	Sholder strap with screw
AIM-VSD0-0001	VESA Dock (Full config I/O)
HIT-STD-W001-C	VESA Dock Stand
AIM-P704	EETi Active Stylus
AIM-MTCS-0001	Multi tablet charging station
AIM-MBCS-0001	Multi battery charging station

Optional Accessories

P/N	Description
Y5AAIM5500	AIM-55 White color power cord (US) (Phihong)
XAIM-A19WMUSB-M	Adaptor MM18M-59A-R (for Medical/ Phihong)
1700001524	Power cord (USA) UL 3P 10A 125V 183 cm
1700008921	Power cord (Japan) PSE 3P 7A 125V 183 cm
1700019146	Power cord (China) CCC 3P 10A 250V 183 cm
1700018553	Power cord (NZ/AU) SAA 3P 10A 250V 183 cm
170203180A	Power cord (UK) BSI 3P 10A 250V 183 cm
170203183C	Power cord (EU) 3P 2.5A 250V 183 cm

Note: Power cords are suitable for AIM-55, AIM-VSD, and AIM-MCS.

Packing List

Description
1 x AIM-55
1 x 3.8V/4900mAh lithium-ion battery
1 x AC adaptor
1 x Power cord TW (USA)

AIM-55 Office /VESA Docking Station



CE FCC

Features

- 9 ~ 32 V wide input voltage range
- VESA (75 x 75 mm)-compliant docking stations
- -10 ~ 50 °C (14 ~122 °F) operating temperature
- Reliable docking connector for office applications

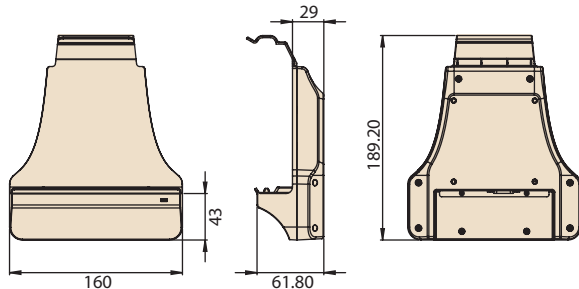
Specifications

		Advanced VESA Docking Station	VESA Docking Station with USB
I/O		2 x USB 3.0 1 x RS-232 COM 1 x Gigabit LAN 1 x Power jack	2 x USB 2.0 1 x Power jack
Stand		-	-
Power	Input Voltage	9 ~ 32 V	19 V
Mechanical	Dimensions (W x D x H)	160 x 61.8 x 189.2 mm (6.3 x 2.4 x 7.4 in)	160 x 61.8 x 189.2 mm (6.3 x 2.4 x 7.4 in)
	Weight	0.282 kg (0.62 lb)	0.28 kg (0.61 lb)
Environment	Operating Temperature	-10 ~ 50 °C (14 ~122 °F)	-10 ~ 50 °C (14 ~122 °F)
	Storage Temperature	-20 ~ 70 °C (-4 ~ 158 °F)	-20 ~ 70 °C (-4 ~ 158 °F)
	Safety	UL, CB, LVD, CCC	UL, CB, LVD, CCC
	Certifications	CE, FCC, CCC	CE, FCC, CCC

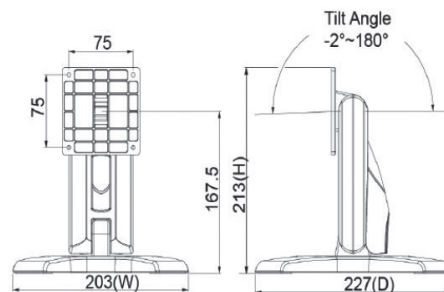
Dimensions

Unit: mm

VESA Advanced/VESA Docking Station



VESA Dock Stand



Ordering Information

Part Number	Description
AIM-VSD0-0001	AIM 8 advanced VESA docking station (Full I/O configuration)
AIM-VSD0-0003	AIM 8 VESA docking station with USB (USB)
HIT-STD-W001-C	AIM 8 VESA stand

Packing List

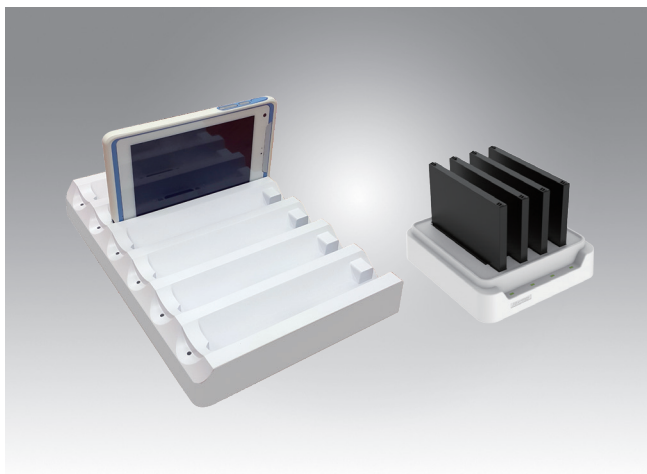
Item	AIM-VSD0-0001	AIM-VSD0-0003
1	1 x VESA Dock(Advanced I/O)	1 x VESA Dock(Charging & USB Only)
2	1 x AC/DC adaptor	1 x AC/DC adaptor

Note: The packing list doesn't Include power cord. Please order based on following PNs.

Optional Accessories

Part Number	Description
96PSA-A65W19V1-1	ADP A/D 100-240V 65W 19V C6 DC PLUG 180°
1700001524	Power cord (USA) UL 3P 10A 125V 183 cm
1700008921	Power cord (Japan) PSE 3P 7A 125V 183 cm
1700019146	Power cord (China) CCC 3P 10A 250V 183 cm
1700018553	Power cord (NZ/AU) SAA 3P 10A 250V 183 cm
170203180A	Power cord (UK) BSI 3P 10A 250V 183 cm
170203183C	Power cord (EU) 3P 2.5A 250V 183 cm

AIM-55 Multi-Bay Charging Station



Features

- Supports charging of up to 6 tablets/4 batteries simultaneously
- Overcurrent and overvoltage protection provided
- Rapid single-handed docking and undocking
- LED indicators for monitoring charging status



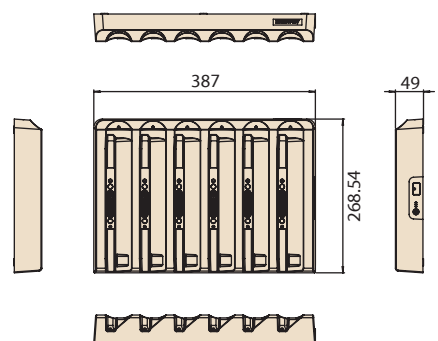
Specifications

		Multi-Tablet Charging Station	Multi-Battery Charging Station
Capacity	Number of Bays	6	4
	Charging Current	2A	2.5A
	Charging Voltage	9 V	4.35 V
Power	Input Voltage	19 V	19 V
	LED Indicators	Green: Full Amber: Charging Red: Error	Green: Full Amber: Charging Red: Error
Mechanical	Dimensions (W x D x H)	387 x 269 x 49 mm (15.23 x 10.59 x 1.92 in)	144 x 155 x 39 mm (5.66 x 6.10 x 1.53 in)
	Weight	1.98 kg (4.36 lb)	0.48 kg (1.05 lb)
Environment	Operating Temperature	0 ~ 40 °C (32 ~ 104 °F)	0 ~ 40 °C (32 ~ 104 °F)
	Storage Temperature	-10 ~ 50 °C (14 ~ 122 °F)	-10 ~ 50 °C (14 ~ 122 °F)
	Safety	UL, CB, LVD, CCC, RCM	UL, CB, LVD, CCC, RCM
	Certifications	CE, FCC, CCC, RCM, BSMI	CE, FCC, CCC, RCM, BSMI

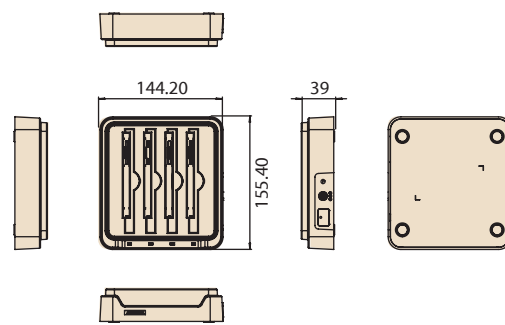
Dimensions

Unit: mm

Multi-Tablet Charging Station



Multi-Battery Charging Station



Ordering Information

Part Number	Description
AIM-MTCS-0001	Multi-tablet charging station for AIM
AIM-MBCS-0001	Multi-battery charging station for AIM

Optional Adapter

Model	Adapter Part Number	Description
AIM-CHGO-0150	96PSA-A120W19V1	ADP A/D 100-240V 120W 19V C6 DC jack
AIM-MBC0-0051	96PSA-A65W19V1-1	ADP A/D 100-240V 65W 19V C6 DC PLUG 180°

Packing List

Item	AIM-MTCS-0001	AIM-MBCS-0001
1	1 x Multi Tablet Charger	1 x Multi Battery Charger
2	1 x AC/DC adaptor	1 x AC/DC adaptor

Note: The packing list doesn't include power cord. Please order based on following PNs.

Optional Power Cord

Part Number	Description
1700001524	Power cord (USA) UL 3P 10A 125V 183 cm
1700008921	Power cord (Japan) PSE 3P 7A 125V 183 cm
1700019146	Power cord (China) CCC 3P 10A 250V 183 cm
1700018553	Power cord (NZ/AU) SAA 3P 10A 250V 183 cm
170203180A	Power cord (UK) BSI 3P 10A 250V 183 cm
170203183C	Power cord (EU) 3P 2.5A 250V 183 cm

AIM-55 Extensions and Accessories

Extension Modules

Barcode Scanner (20°)



Barcode Scanner (70°)



LAN + COM Module



Part Number	AIM-BCRS-0020	AIM-BCRS-0070	AIM-LANC-0001
Features	<ul style="list-style-type: none"> Sensor: 640 x 480 CMOS sensor Illumination & Aiming: White LED illuminator/Red LED dot aimer Frame rate: 30 fps Field of view: Horizontal: 37.8°; Vertical: 28.8° 	<ul style="list-style-type: none"> Sensor: 640 x 480 CMOS sensor Illumination & Aiming: White LED illuminator/Red LED dot aimer Frame rate: 30 fps Field of view: Horizontal: 37.8°; Vertical: 28.8° 	<ul style="list-style-type: none"> 1 x 10/100 Ethernet port 1 x COM port
Dimensions	130.2 x 38.7 x 27.8 mm (5.12 x 1.52 x 1.09 in)	130.2 x 38.7 x 32 mm (5.12 x 1.52 x 1.25 in)	130.2 x 70 x 29 mm (5.12 x 2.75 x 1.14 in)
Weight	0.042 kg (0.092 lb)	0.042 kg (0.092 lb)	0.078 kg (0.171 lb)

Accessories

Hand Strap



Shoulder Strap (Portrait)



Shoulder Strap (Landscape)



Battery with Meter



Stylus Holder

Part Number	AIM-SRP0-0000	AIM-SRP0-0001	AIM-SRP0-0002	AIM-BAT0-0252
Features	Black With one stylus holder	Black With one stylus holder	Black With one stylus holder	Black
Dimensions	240 x 20 mm (9.44 x 0.78 in)	380 x 135 x 20 mm (14.96 x 5.31 x 0.78 in)	1820 x 20 mm (71.65 x 0.78 in)	120 x 87 x 7.5 mm (4.72 x 3.43 x 0.30 in)
Weight	0.022 kg (0.048 lb)	0.05 kg (0.11 lb)	0.05 kg (0.11 lb)	0.147 kg (0.324 lb)

Active Stylus



Part Number	AIM-P704
Features	Black
Dimensions	140 x 9.7 mm (5.51 x 0.38 in)
Weight	0.02 kg (0.044 lb)