



Advantech AIM-75S – Perfect connection with Android

- ✓ Powerful hardware for fluid use of resource-intensive applications
- ✓ Android with Google Mobile Services certification for secure updates
- ✓ 8 inch full HD display for ideal readability and communication
- ✓ IP65 sealing and Corning Gorilla Glass for protection against dust, liquids and drops
- ✓ Versatile use with accessory options such as vibration-resistant vehicle mount and barcode/RFID scanner attachments

Features

Display: 8 inch, 1920 x 1200 px

Operating system: Android 10

CPU: Qualcomm Snapdragon 660 octa-core 2.2 GHz

Memory: 4 GB RAM, 64 GB eMMC

Battery: up to 12 h, replaceable

Network connectivity: Mobile, WLAN, Bluetooth, NFC, USB

Additional features: 8 MP & 5 MP camera, GPS

Protection: IP65, drop-proof up to 1.2 m

Operating temperature: -10 - 50 °C

Dimensions (W x L x H): 240 x 142 x 14 mm

Weight: 600 g

Optional accessories

Data capture: RFID, barcode scanner

Vehicle docking station

VESA Docking Station

6-fold charging station

4-fold battery charging station

Hand strap

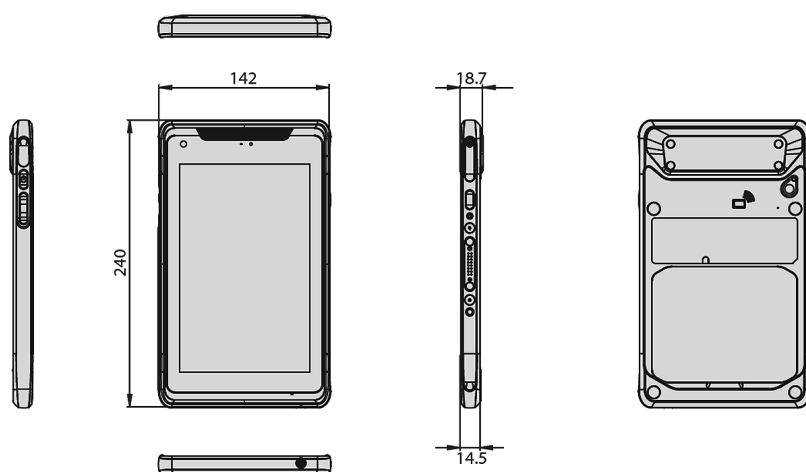
Shoulder strap

Stylus

Rubber Boot

System	Processor	Qualcomm® Snapdragon™ 660 octa-core 2.2 GHz
	Memory	4 GB LPDDR4x
	Operating System	Android 10 with GMS
Storage	eMMC	64 GB
	Micro SD slot	Supports up to 2 TB
Display	Type	8" IPS LCD
	Resolution	WUXGA 1920 x 1200
	Brightness	400 cd/m ²
	Touch Type	10-point multi-touch PCAP touch control
	Glass Type	Corning® Gorilla® Glass 3
Communication	WLAN	IEEE 802.11 a/b/g/n/ac/k/v/r
	Bluetooth	Bluetooth® v5.0
	WWAN (Optional)	Global Cat. 4/6 4G LTE (data only)
	NFC	13.56 MHz, compatible with ISO15693, ISO14443A, ISO 14443B, FeliCa
Connectivity	Standard I/O	1 x USB Type-C 3.0, 1 x combo audio jack, 1 x SIM card reader, 1 x micro SD card reader
	Extended I/O	1 x AIM extension 14-pin pogo connector: 1 x USB 2.0, 1 x 2-wire UART, 5V/1A power
	Docking	1 x AIM docking 16-pin pogo connector: 1 x USB 2.0, 9V power
	Speaker	1 x Internal speakers (1.5W)
GPS	GPS	Glonass/Beidou/Galileo/QZSS/SBAS
Audio	Audio Jack	1 x Audio combo jack (combines stereo audio output and mono microphone input)
Camera	Front	5 megapixel fixed-focus camera
	Rear	8 megapixel auto-focus camera with LED flash
Sensors		Ambient light sensor, P-sensor, e-compass, g-sensor, gyroscope
Control Buttons		1 x Power button, 2 x volume keys (up/down), 1 x programmable function key
System Indicators		Full: green (100%); charging: blue; low charge: red (<10%)
Power System	Input Voltage	USB Type-C: 5V/3A, 9V/2A Dock pogo: 9V/2A
	Battery	Swappable battery: 4900 mAh (minimum) 18.6 WHr Operating time: up to 12 hrs* Charging time: < 3 hrs*
Environmental	Operating Temperature	-10 ~ 50 °C/14 ~ 122 °F
	Storage Temperature	-20 ~ 60 °C/-4 ~ 140 °F
	IP Rating	IP65
	Shock	SAE J1455
	Vibration	SAE J1455
	Humidity	Operating: 10 ~ 90% @ 40 °C/104 °F non-condensing Storage: -10 ~ 95% non-condensing
Physical Characteristics	Drop Tested	Up to 120 cm (4 ft) onto plywood
	Dimensions (W x D x H)	240 x 142 x 14.5 mm/9.44 x 5.59 x 0.57 in
	Weight	600 g/1.32 lb
	Color	Dark gray
Certifications		FCC, CE, TELEC, NCC, RCM, IC, VCCI, PTCRB, SRRC, CB, UL, CCC, BSMI

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



Unit: mm