

# AIM-89H

## 13.3" Medical-Grade Tablet with Intel® Core™ i5 processor



DeviceOn/iService

### Features

- 13.3" Full-HD IPS projected capacitive 10-point multi-touchscreen with anti-fingerprint, anti-glare Corning® Gorilla® Glass
- Intel® Core™ i5 processor support on Windows 10 LTSC for high performance
- EN/UL 60601 certification, ensuring patient and medical staff safety by protecting against excessive heat and electronic interference
- Equipped with DeviceOn/iService software for remote device management
- Supports touch mode with gloved operation and an active stylus pen
- IP65-rated protection from water and dust ingress
- MIL-STD-810G Shock/Vibration compliance with 4-ft drop tolerance
- Built-in Wi-Fi 6, Bluetooth 5.2, and Gigabit LAN for high speed connectivity
- 16-pin pogo connector for Desk Docking Stations and VESA Mount Bracket
- Antimicrobial design with IONPURE® on the rear cover, allowing for repeated cleaning with disinfectant



### Introduction

AIM-89H tablet is a slim, rugged, multi-functional, Intel-powered 11th Core™ i5 processor high performance tablet for medical and commercial uses. The IP65 water/dustproof 13.3" IPS Full HD screen with capacitive 10-point multi-touchscreen, anti-fingerprint (AF), anti-glare (AG), Gorilla Glass, could support touch mode under glove, rain, water puddle. Built-in Wifi 6, bluetooth 5.2 and gigabit LAN supports fast, steady connectivity. Internal front (5M) and rear (8M) camera provide picture capturing wherever. MIL-STD-810G shock/vibration compliant tested on our rugged design with 4ft (1.2m) drop tolerance. ITE/Medical grade dual certification are ready for indoor and healthcare environment.

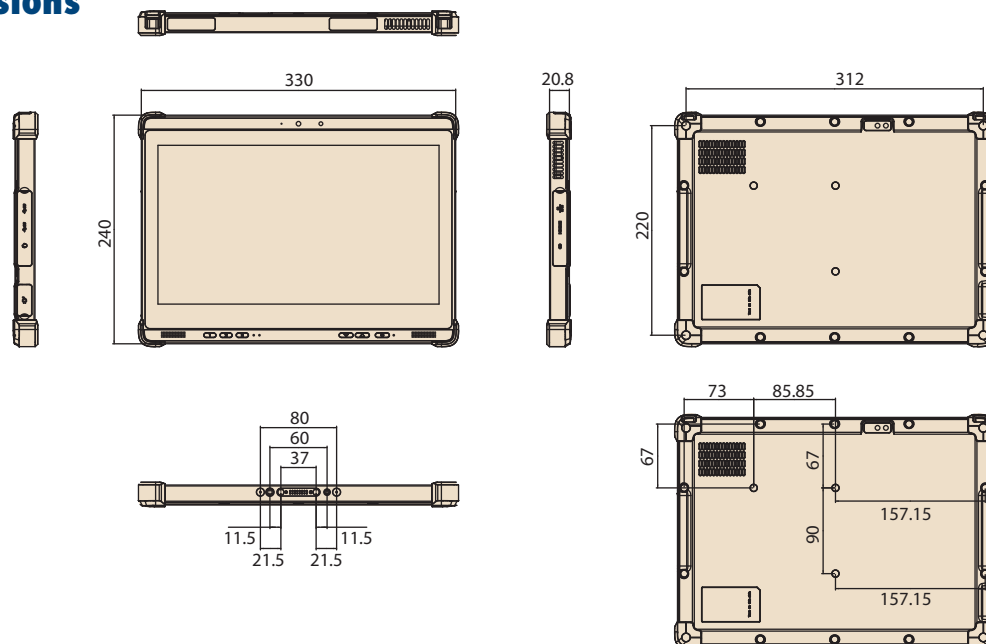
Moreover, AIM-89H is equipped with Advantech's DeviceOn/iService software, which is a next-generation unified device management solution based on the WISE-DeviceOn platform. With support for batch operations and multi-device control, DeviceOn/iService enables easy device configuration and deployment for convenient remote device management.

### Specifications

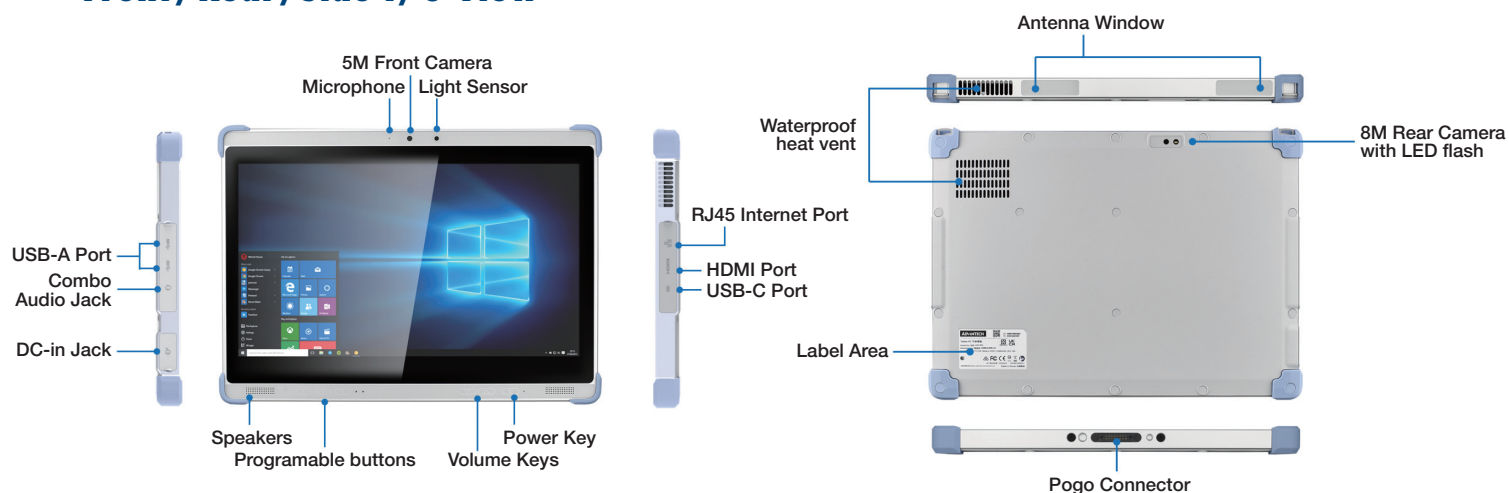
|                  |                       |                                                                                                                                                       |  |
|------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| System           | Processor             | Intel® Core™ i5-1145G7E Processor quad-core, 1.5 GHz (8M Cache, up to 4.10 GHz)                                                                       |  |
|                  | Memory                | 8GB DDR4                                                                                                                                              |  |
|                  | OS                    | Windows 10 IoT Enterprise (Windows 11/Linux OS optional)                                                                                              |  |
| Storage          | SSD                   | 256 GB (m.2)                                                                                                                                          |  |
|                  |                       |                                                                                                                                                       |  |
| Display          | Type                  | 13.3" IPS LCD                                                                                                                                         |  |
|                  | Resolution            | FHD 1920x1080                                                                                                                                         |  |
|                  | Brightness            | 400 cd/m²                                                                                                                                             |  |
|                  | Touch Type            | 10-point multi-touch P-CAP touch control                                                                                                              |  |
|                  | Glass Type            | Corning® Gorilla® Glass 3 (Anti-Fingerprint, Anti-Glare)                                                                                              |  |
|                  | Touch mode            | Normal (support under water puddle), Glove                                                                                                            |  |
| Communication    | WLAN                  | IEEE 802.11 a/b/g/n/ac/ax (Wi-Fi 6)                                                                                                                   |  |
|                  | Bluetooth             | Bluetooth® v5.2                                                                                                                                       |  |
| Connectivity     | Standard I/O          | 1 x Gigabit LAN, 1 x HDMI, 2 x USB-A 3.1 Gen 2, 1 x Audio Jack, 1 x 19 VDC-in jack, 1 x USB-C 3.1 Gen 2 (10Gb/s, HDMI Alt, 5V, 2A)                    |  |
|                  | Docking               | 1 x AIM docking 16-pin pogo connector: 1 x USB 3.1 Gen 2                                                                                              |  |
| Audio            | Audio Jack            | 1 x Audio combo jack (combines stereo audio output and mono microphone input)                                                                         |  |
|                  | Speaker               | 2 x Internal water proof speakers (2 W)                                                                                                               |  |
| Camera           | Front                 | 5.0-megapixel fixed-focus camera                                                                                                                      |  |
|                  | Rear                  | 8.0-megapixel auto-focus camera with LED flash                                                                                                        |  |
| Sensors          |                       | Ambient Light Sensor, G-sensor, Gyroscope                                                                                                             |  |
| Control Buttons  |                       | 1 x Power button, 2 x Volume key (up/down), 3 x Programmable button                                                                                   |  |
| System Indicator |                       | Full: green (90~100%); Charging: blue; Low: red (<10%)                                                                                                |  |
| Power System     | Input Voltage         | DC jack: 19V/4.74A (90W)                                                                                                                              |  |
|                  | Battery               | Embedded Lithium-ion battery; 10.8V, 4660 mAh, 50.32 Whr<br>Operating time: Up to 4.5 hours (depending on usage scenario)<br>Charging time: < 3 hours |  |
| Environment      | Operating Temperature | 0 ~ 40 °C (32 ~ 104 °F)<br>Discharging: 0 ~ 40 °C (32 ~ 104 °F)<br>Charging: 0 ~ 35 °C (32 ~ 95 °F)                                                   |  |
|                  | Storage Temperature   | -20 ~ 60 °C (-4 ~ 140 °F)                                                                                                                             |  |
|                  | IP Rating             | IP65                                                                                                                                                  |  |
|                  | Shock                 | MIL-STD-810G standard                                                                                                                                 |  |
|                  | Vibration             | MIL-STD-810G standard                                                                                                                                 |  |
|                  | Drop Tested           | MIL-STD-810G standard, Up to 122 cm (4 ft) onto plywood over concrete                                                                                 |  |
|                  | Humidity              | Operating: 90% @ 40 °C non-condensing<br>Storage: 95% @ 45 °C non-condensing<br>Package: 95% @ 60 °C non-condensing                                   |  |
| Characteristics  | Dimension (W x D x H) | 330 x 240 x 20.8 mm (13 x 9.4 x 0.8 in)                                                                                                               |  |
|                  | Weight                | 1.8 kg (3.97 lb)                                                                                                                                      |  |
|                  | Color                 | White/Blue                                                                                                                                            |  |
| Certifications   |                       | FCC, CE, UKCA, IEC/EN/UL60601-1, EN 60601-1-2, ENERGY STAR, WEEE                                                                                      |  |

## Dimensions

Unit: mm



## Front/Rear/Side I/O View



## Ordering Information

| Part Number    | CPU             | Memory | Storage | Front/Rear Camera | Corner | OS                          |
|----------------|-----------------|--------|---------|-------------------|--------|-----------------------------|
| AIM-89H-100100 | Core-i5-1145G7E | 8GB    | 256GB   | V                 | Blue   | Windows 10 LTSC 2021 (21H2) |

## Optional Accessories

| Part Number | Description                              |
|-------------|------------------------------------------|
| 1700001524  | Power cord (USA) UL 3P 10A 125V 183 cm   |
| 1700008921  | Power cord (Japan) PSE 3P 7A 125V 183 cm |
| 170203180A  | Power cord (UK) BSI 3P 10A 250V 183 cm   |
| 170203183C  | Power cord (EU) 3P 2.5A 250V 183 cm      |

## Packing List

| Description        |
|--------------------|
| 1 x AIM-89H tablet |
| 1 x AC/DC adaptor  |
| 1 x Power cord US  |

# AIM-89H Desk Docking Station



## Features

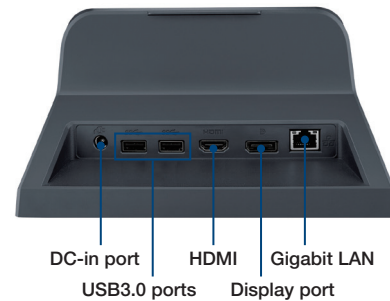
- Suitable design for office applications
- Reliable docking connector with LED indicator for connectivity
- Equipped with a variety of I/O for easy integration
- HDMI 1.3 and DP 1.1 for user quick set up extended screen
- Additional USB 3.0 ports extend peripherals like keyboard/mouse/data collection device

## Specifications

|             |                        |                                                                               |
|-------------|------------------------|-------------------------------------------------------------------------------|
|             |                        | Desk Docking Station                                                          |
| I/O         |                        | 1 x HDMI 1.3                                                                  |
|             |                        | 1 x Display Port 1.1                                                          |
|             |                        | 1 x Gigabit Ethernet (RJ45)                                                   |
|             |                        | 2 x USB 3.0 Type A                                                            |
|             |                        | 1 x 5.5 mm DC in port                                                         |
| Power       | Input Voltage/Power    | 19V, 4.74A, 90W AC-adaptor                                                    |
| Mechanical  | Dimensions (W x D x H) | 162 mm x 180 mm x 133 mm                                                      |
|             | Weight                 | 1360 g / 2.99 lb                                                              |
| Environment | Operating Temperature  | 0°C - 40°C (32°F - 104°F)                                                     |
|             | Storage Temperature    | -20°C - 60°C (-4°F - 140°F)                                                   |
|             | Relative humidity      | Operating: 10% to 80% (non-condensing)<br>Storage: 5% to 90% (non condensing) |
|             | Certifications         | FCC, CE, UKCA, IEC/EN/UL60601-1                                               |

## Dimensions

Unit: mm



## Ordering Information

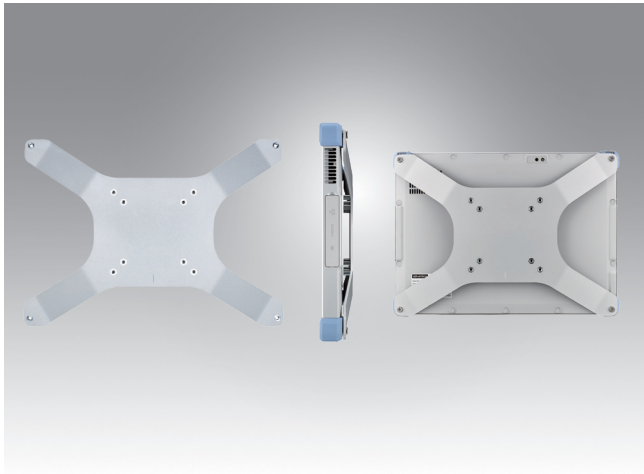
| Part Number   | Description                                |
|---------------|--------------------------------------------|
| AIM-OFD0-0005 | AIM-89H Desk Docking Station with full I/O |

## Packing List

| Description       |
|-------------------|
| 1 x AIM-OFD0-0005 |

Note: The above product does not include adapter and power cable. Customers must order AIM-89H first and pair with specific country power cable for usage.

# AIM-89H VESA Mount Bracket



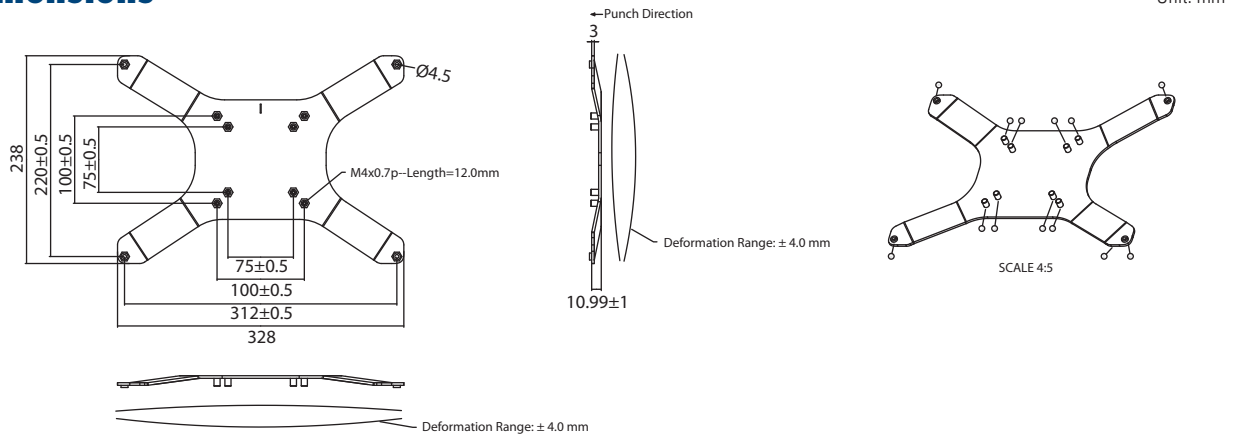
## Features

- Suitable design for VESA mounting applications
- Mounted on a nursing cart or other extended station for stabling use
- Installed on articulating arms or wall mounts
- VESA-compliant mounting solutions (VESA MIS D Standard 75/100)

## Specifications

| VESA Mount Bracket |                        |                         |
|--------------------|------------------------|-------------------------|
| Mechanical         | Dimensions (W x D x H) | 328 mm x 238 mm x 11 mm |
|                    | Weight                 | 310g / 0.683 lb         |
| Screws             | Amount                 | 4 pcs                   |
|                    | Dimensions             | M4 -0.7P * 15mm         |
|                    | Weight                 | 1.8g / 0.004 lb         |

## Dimensions



## Ordering Information

| Part Number   | Description                              |
|---------------|------------------------------------------|
| AIM-VSB0-0001 | AIM-89H VESA Mount Bracket with 4 Screws |

## Packing List

| Description                  |
|------------------------------|
| 1 x AIM-VSB0-0001            |
| 4 x Screws (M4 -0.7P * 15mm) |

# AIM-89H Accessories

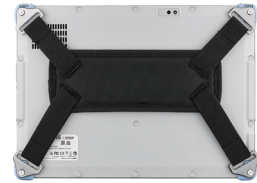
**Carry Strap**



**Shoulder Strap**



**Hand Strap**



| Part Number | AIM-SRP0-0006                                                                                         | AIM-SRP0-0007                                                                                         | AIM-SRP0-0008                                                                                          |
|-------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Features    | <ul style="list-style-type: none"><li>▪ Straps with lanyard hook</li><li>▪ Enhance mobility</li></ul> | <ul style="list-style-type: none"><li>▪ Straps with lanyard hook</li><li>▪ Enhance mobility</li></ul> | <ul style="list-style-type: none"><li>▪ Hand Straps with 4 Screws</li><li>▪ Enhance mobility</li></ul> |
| Dimensions  | 310 x 25 (mm)                                                                                         | 1280 x 60 (mm)                                                                                        | 338 x 235 (mm)                                                                                         |
| Weight      | 28g / 0.0617 lb                                                                                       | 66g / 0.1455 lb                                                                                       | 68 / 0.15 lb                                                                                           |

# DeviceOn/iService

## Unified Remote Device Management Software



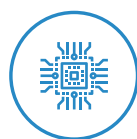
### Features

- Supports Advantech devices equipped with Windows, Android, and Linux OS
- Flexible device, location, user, and permissions management
- Enables remote monitoring and control of hardware, software, and peripherals
- Supports over-the-air (OTA) firmware and software updates
- Ensures quick, easy, and secure device onboarding
- RESTful APIs for third-party system integration

### Introduction

Advantech's DeviceOn/iService is a next-generation unified device management solution based on the WISE-DeviceOn platform. Designed to enable centralized monitoring and remote management, DeviceOn/iService supports Advantech devices equipped with Windows, Linux, or Android operating systems. The software also supports the management of applications and integrated peripherals, such as a barcode scanner, card reader, camera, and printer. Users can remotely access and control connected devices, take screenshots, rollout OTA upgrades, and use remote desktop capabilities for troubleshooting from any location at any time. Moreover, DeviceOn/iService supports batch operations to facilitate the management of multiple devices simultaneously for easy and convenient device configuration and deployment.

### Total Management



#### Devices & Hardware

- Windows, Linux, Android
- Hardware, storage, battery



#### Software & Peripherals

- Software monitoring & access
- Screens, USB devices, printers



#### Open for Expansion

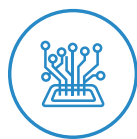
- Peripheral integration
- Open APIs for integration

### Remote Access



#### Real-Time Monitoring

- Connection/hardware status
- Software/peripheral status
- Failure notifications



#### Remote Controls

- Power controls
- Audio, backlight controls
- Software controls



#### Troubleshooting

- Screenshots
- Remote desktop support

### Operational Efficiency



#### OTA updates

- System/software updates
- File repository management
- App store



#### Batch Controls

- 1-to-many batch reboot, etc.
- Time-saving tasks

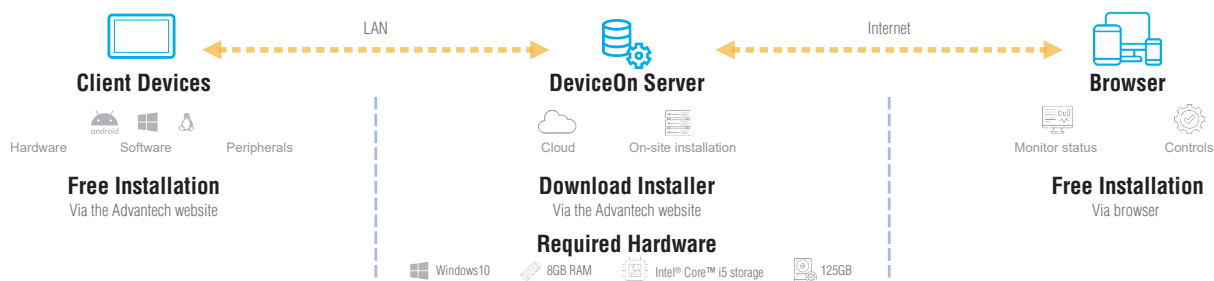


#### Setup Booster

- Software/peripheral watchlist
- Roles, rule templates

Note: Some functions may vary according to the product

### System Architecture



# Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



## AutoCont IPC a.s.

Váš dodavatel průmyslových počítačů, komponent a speciálních průmyslových IT systémů.

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 +420 552 301 002

 [www.autocont-ipc.cz](http://www.autocont-ipc.cz)



### PRŮMYSLOVÉ POČÍTAČE

*fanless embedded PC, do racku, ...*



### POČÍTAČE S DISPLEJEM

*panelové PC, terminály, do vozidel, ...*



### AUTOMATIZACE A SBĚR DAT

*převodníky, karty, moduly, switche, ...*



### PERIFERIE A KOMPONENTY

*monitory, klávesnice, desky, skříně, ...*



### NOTEBOOKY A TABLETY

*odolné, windows, android, IP65, ...*



### INFORMAČNÍ KIOSKY

*interiérové, venkovní, ...*



### MEDICÍNSKÁ TECHNIKA

*počítače, tablety, LCD, klávesnice, ...*



### SOFTWAREVÁ ŘEŠENÍ

*pro výrobu, zaměstnance, kiosky, ...*



### PŘEJÍT DO E-SHOPU

[eshop.autocont-ipc.cz](http://eshop.autocont-ipc.cz)



### DOPRAVA ZDARMA

Doprava zdarma v ČR a SR při objednávce nad 10 000 Kč bez DPH nebo nad 400 EUR.



### PRODLOUŽENÁ ZÁRUKA

Záruka 2 roky na vyráběné počítače s možností jejího prodloužení až na 5 let.



### ODMĚNA ZA VĚRNOST

Pravidelní zákazníci u nás nakupují za nižší ceny. Výše slevy se odvíjí od realizovaného obrátu.



### SERVIS ON-SITE A IN-TIME

K projektovým dodávkám nabízíme rozšířenou podporu a servis s garancí výměny zařízení do 48 hodin.