

CAXA0-WM

Wall Mount kit for CAXA0

Quick Reference Guide

2nd Ed – 26 March 2021

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FCC Statement



THIS DEVICE COMPLIES WITH PART 15 FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS:

- (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE.
- (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRE OPERATION.

THIS EQUIPMENT HAS BEEN TESTED AND FOUND TO COMPLY WITH THE LIMITS FOR A CLASS "A" DIGITAL DEVICE, PURSUANT TO PART 15 OF THE FCC RULES.

THESE LIMITS ARE DESIGNED TO PROVIDE REASONABLE PROTECTION AGAINST HARMFUL INTERFERENCE WHEN THE EQUIPMENT IS OPERATED IN A COMMERCIAL ENVIRONMENT. THIS EQUIPMENT GENERATES, USES, AND CAN RADIATE RADIO FREQUENCY ENERGY AND, IF NOT INSTALLED AND USED IN ACCORDANCE WITH THE INSTRUCTION MANUAL, MAY CAUSE HARMFUL INTERFERENCE TO RADIO COMMUNICATIONS.

OPERATION OF THIS EQUIPMENT IN A RESIDENTIAL AREA IS LIKELY TO CAUSE HARMFUL INTERFERENCE IN WHICH CASE THE USER WILL BE REQUIRED TO CORRECT THE INTERFERENCE AT HIS OWN EXPENSE.

A Message to the Customer

Avalue Customer Services

Each and every Avalue's product is built to the most exacting specifications to ensure reliable performance in the harsh and demanding conditions typical of industrial environments. Whether your new Avalue device is destined for the laboratory or the factory floor, you can be assured that your product will provide the reliability and ease of operation for which the name Avalue has come to be known.

Your satisfaction is our primary concern. Here is a guide to Avalue's customer services. To ensure you get the full benefit of our services, please follow the instructions below carefully.

Technical Support

We want you to get the maximum performance from your products. So if you run into technical difficulties, we are here to help. For the most frequently asked questions, you can easily find answers in your product documentation. These answers are normally a lot more detailed than the ones we can give over the phone. So please consult the user's manual first.

To receive the latest version of the user's manual; please visit our Web site at:

<http://www.avalue.com.tw/>

Content

- 1. Getting Started4**
 - 1.1 Safety Precautions4
 - 1.2 Packing List.....4
 - 1.3 System Specifications5
 - 1.4 System Overview8
 - 1.4.1 Bottom View..... 8
 - 1.5 System Dimensions9
- 2. Hardware Configuration11**
 - 2.1 Wall Mounting12
 - 2.2 Wall Mounting15
 - 2.3 Installing VESA18

1. Getting Started

1.1 Safety Precautions

Warning!



Always completely disconnect the power cord from your chassis whenever you work with the hardware. Do not make connections while the power is on. Sensitive electronic components can be damaged by sudden power surges. Only experienced electronics personnel should open the PC chassis.

Caution!



Always ground yourself to remove any static charge before touching the CPU card. Modern electronic devices are very sensitive to static electric charges. As a safety precaution, use a grounding wrist strap at all times. Place all electronic components in a static-dissipative surface or static-shielded bag when they are not in the chassis.

1.2 Packing List

- 1 x CAXA0-WM CAXA0 Wall Mount Kit
- 1 x Screw
- 1 x Power lock bracket
- 1 x OD key



If any of the above items is damaged or missing, contact your retailer.

1.3 System Specifications

Component	
Board	CAXA0-DC I/O board (Same as CAXA0-DC(desktop cradle) board)
Other Component	CAXA0-DC DB-A daughter board (POGO connector board, Same as CAXA0-DC(desktop cradle) board)
External I/O	
USB Port	3 x USB 2.0
LAN Port	1 x 10/100 Mbit/s RJ45 LAN (Realtek RTL8153B) <ul style="list-style-type: none"> Standard: IEEE 802.3 10BASE-T and 100Base-TX, auto-negotiation, full and half-duplex Isolation: Basic insulation (reference voltage: 250V; test voltage: 1500V)
Power input	19V DC in
Indicator Light	link indicator LED (LED light up when tablet connected to the wall mount kit)
Mechanical	
Power Type	+19V DC-In
Power Connector Type	DC-Jack
Dimension	143.6 x 48.6 x 218.8 mm(L x W x H)
Weight	0.58 Kg
Color	Black
Fanless	Fanless
Other	Wall mount kit can be locked (75 x 75 mm) VESA mount compliant IPX1
Reliability	
EMI Test	CE, IEC/EN60601-1-2 CE, FCC Part 15 Class B
Safety	CE / FCC / VCCI / CCC IEC/EN60601-1
Vibration Test	Random Vibration Operation 1 Test PSD : 0.00454G ² /Hz , 1.5 Grms 2 System condition : operation mode 3 Test frequency : 5~500 Hz 4 Test axis : X,Y and Z axis 5 Test time : 30 minutes per each axis 6 IEC60068-2-64 Test Fh

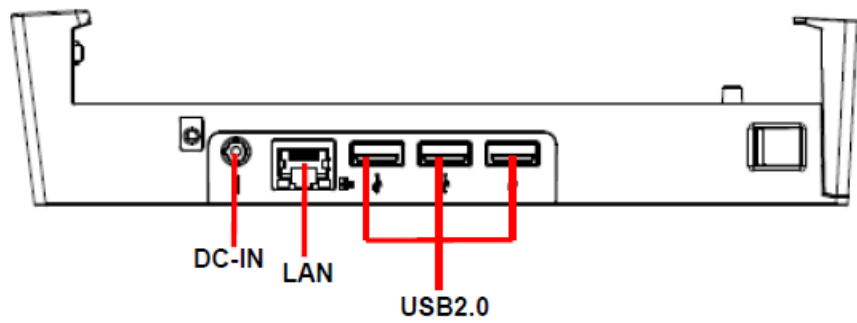
	<p>7 Storage : mSATA</p> <p>Sine Vibration test (Non-operation)</p> <p>1 Test Acceleration : 2G</p> <p>2 Test frequency : 5~500 Hz</p> <p>3 Sweep : 1 Oct/ per one minute. (logarithmic)</p> <p>4 Test Axis : X,Y and Z axis</p> <p>5 Test time :30 min. each axis</p> <p>6 System condition : Non-Operating mode</p> <p>7. Reference IEC 60068-2-6 Testing procedures</p> <p>Package Vibration Test:</p> <p>1 Test PSD : 0.026G²/Hz , 2.16 Grms</p> <p>2 Test frequency : 5~500 Hz</p> <p>3 Test axis : X,Y and Z axis</p> <p>4 Test time : 30 minutes per each axis</p> <p>5 IEC 60068-2-64 Test Fh</p>
Mechanical Shock Test	<p>1 Wave from : Half Sine wave</p> <p>2 Acceleration Rate : 10g for operation mode</p> <p>3 Duration Time : 11ms</p> <p>4 No. of shock : Z axis 300 times</p> <p>5 Test Axis : Z axis</p> <p>6 operation mode</p> <p>7 Reference IEC 60068-2-27 testing procedures</p> <p>Test Eb : Shock Test</p>
Drop Test	<p>Package drop test</p> <p>Reference ISTA 2A, Method : IEC-60068-2-32 Test:Ed</p> <p>Test Ea : Drop Test</p> <p>1 Test phase : One corner, three edges, six faces</p> <p>2 Test high : 96.5cm</p> <p>3 Package weight : 1Kg</p> <p>4 Test drawing</p>
Operating Temperature	0°C to 40°C (32°F to 104°F) work with tablet
Operating Humidity	15%~95% Relative Humidity, Non-Condensing
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Other Test	In house ESD testing 8KV contact and 15KV Air Criteria B



Note: Specifications are subject to change without notice.

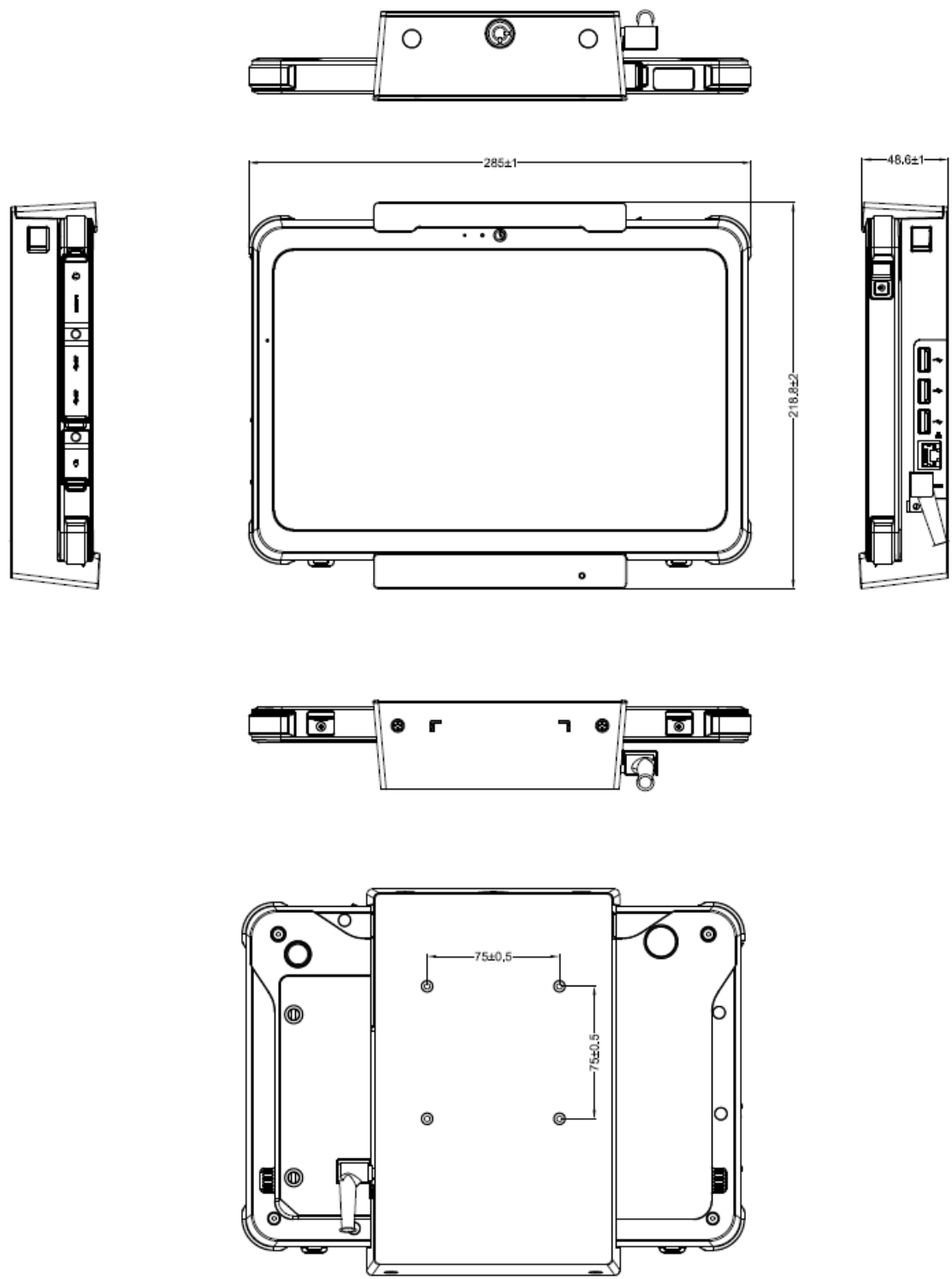
1.4 System Overview

1.4.1 Bottom View



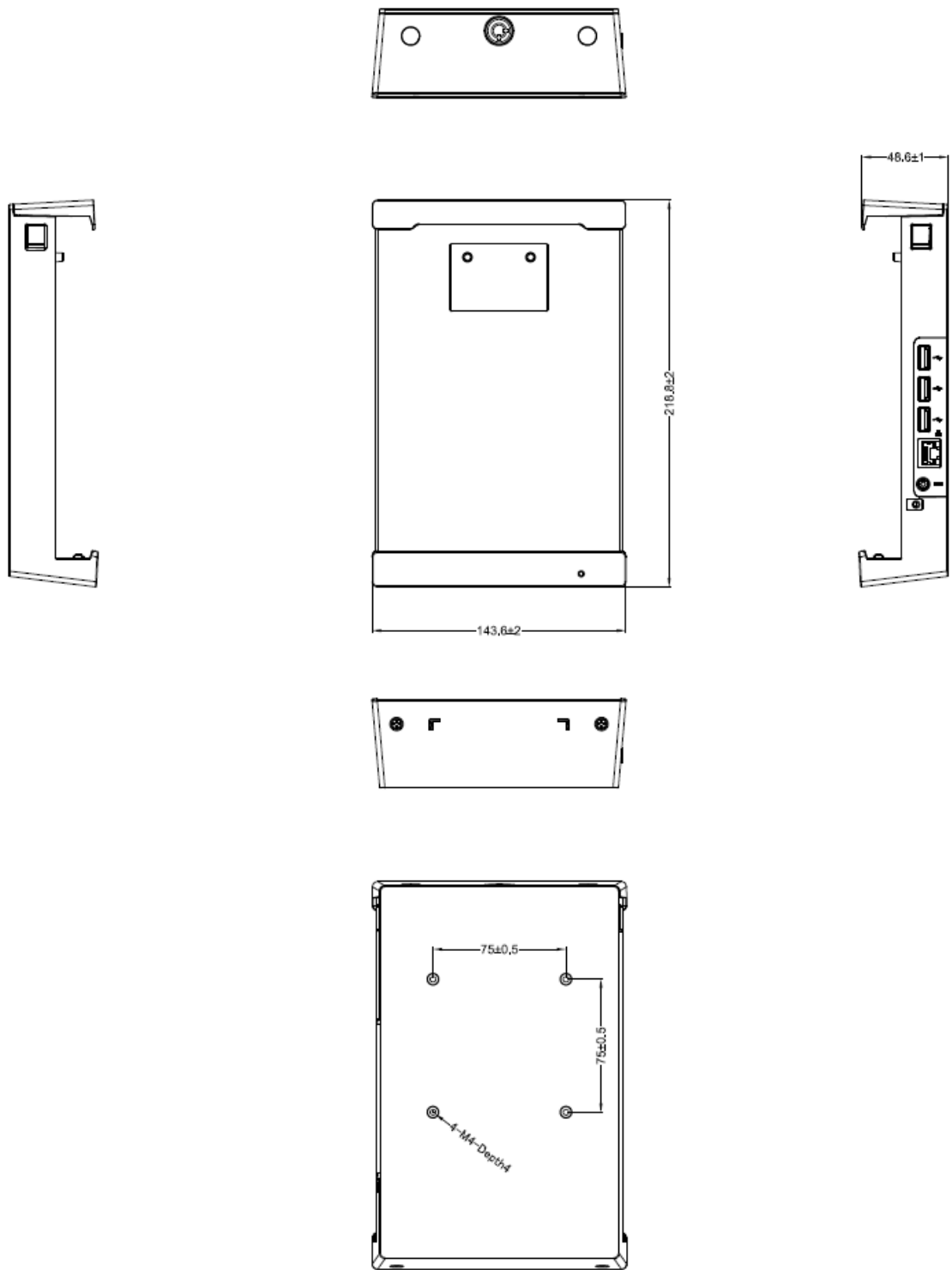
Connectors		
Label	Function	Note
DC-IN	DC Power-in connector	
LAN	RJ-45 Ethernet connector	
USB	3 x USB2.0 connector	

1.5 System Dimensions



(Unit: mm)

CAXA0-WM



(Unit: mm)

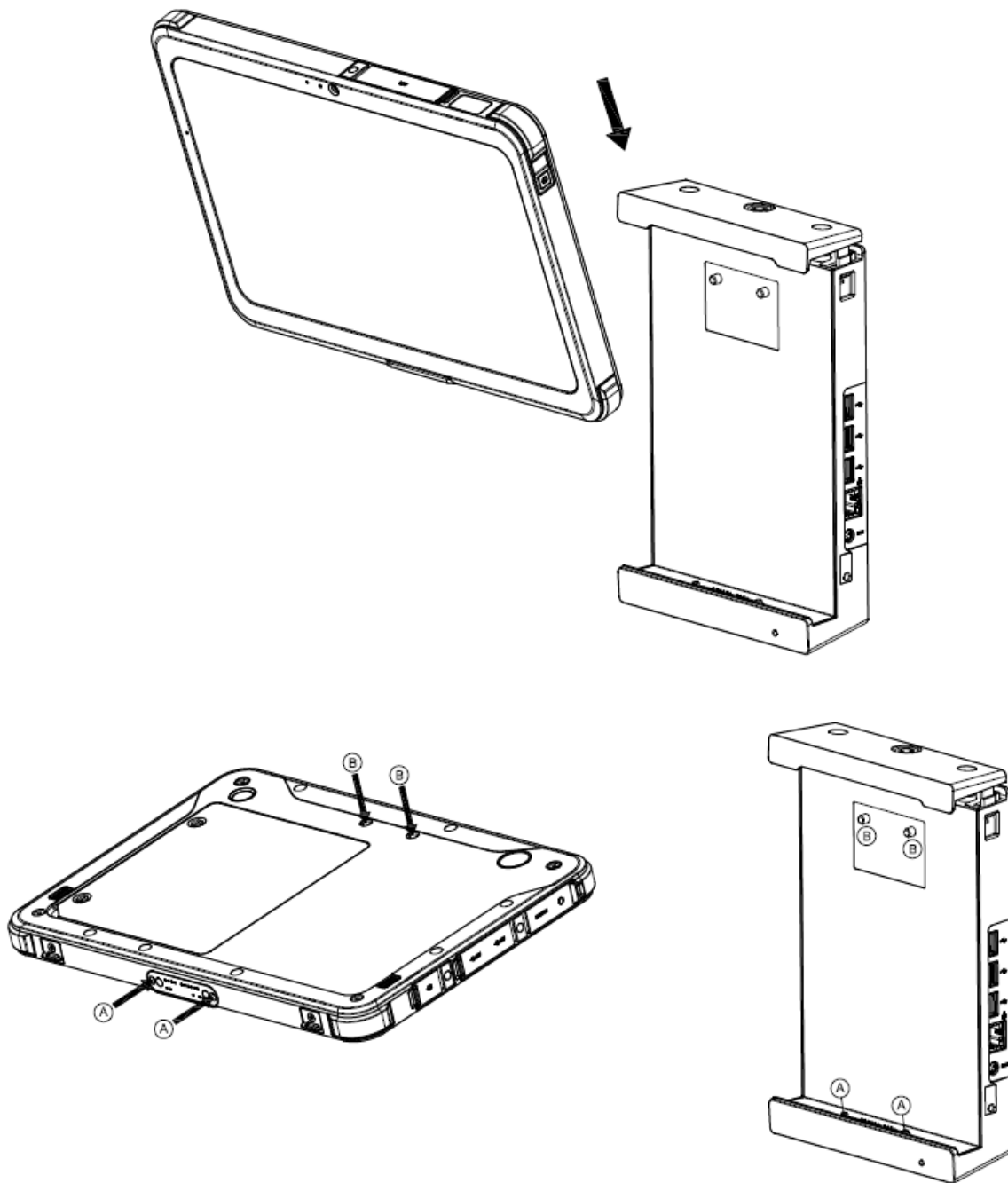
2. Hardware Configuration



Note: If you need more information, please visit our website:

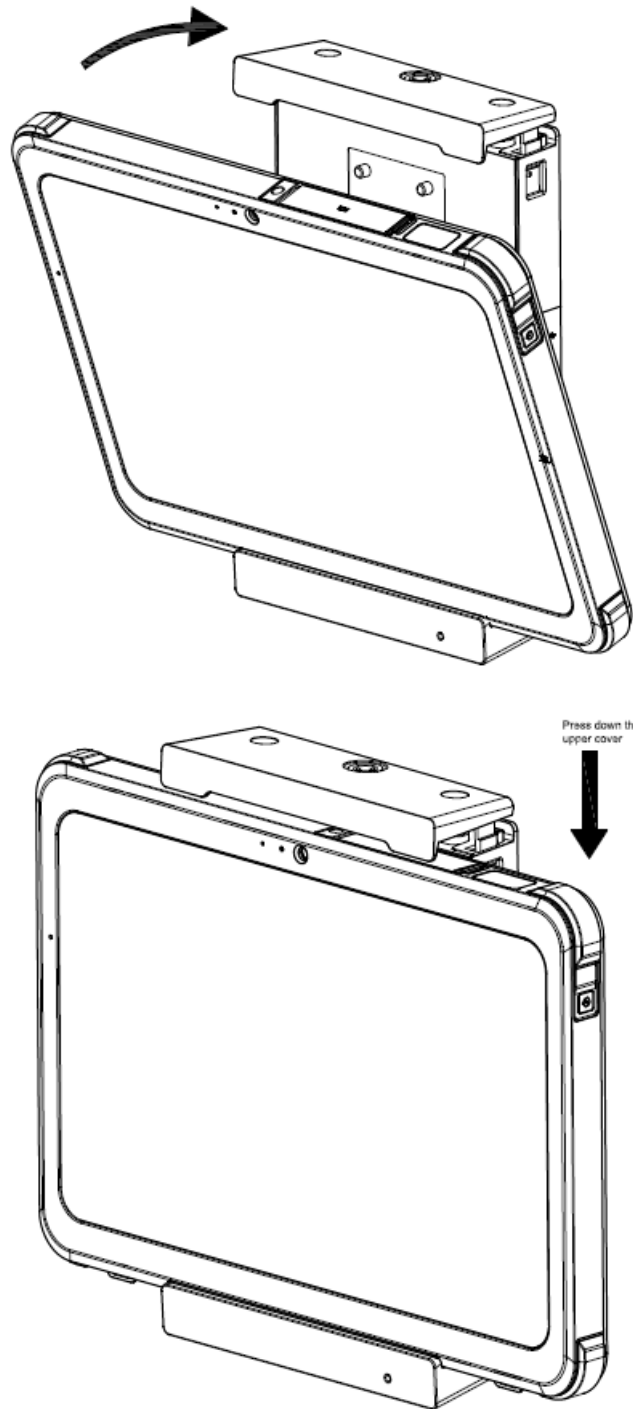
<http://www.avalue.com.tw>

2.1 Wall Mounting

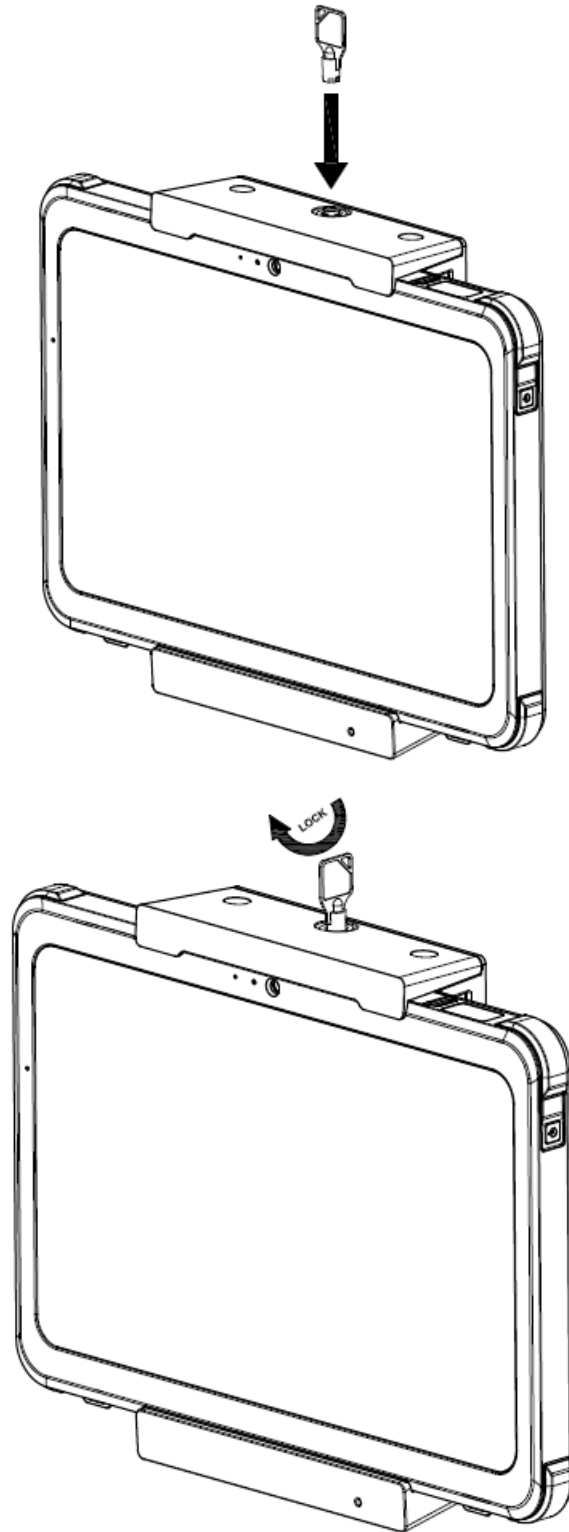


Fix the wall mounting station (with the tablet) to the toll stand or wall mounting racket. The mounting station connector complies with standard VESA interface.

Step 1. Slide the tablet into the wall mounting station.

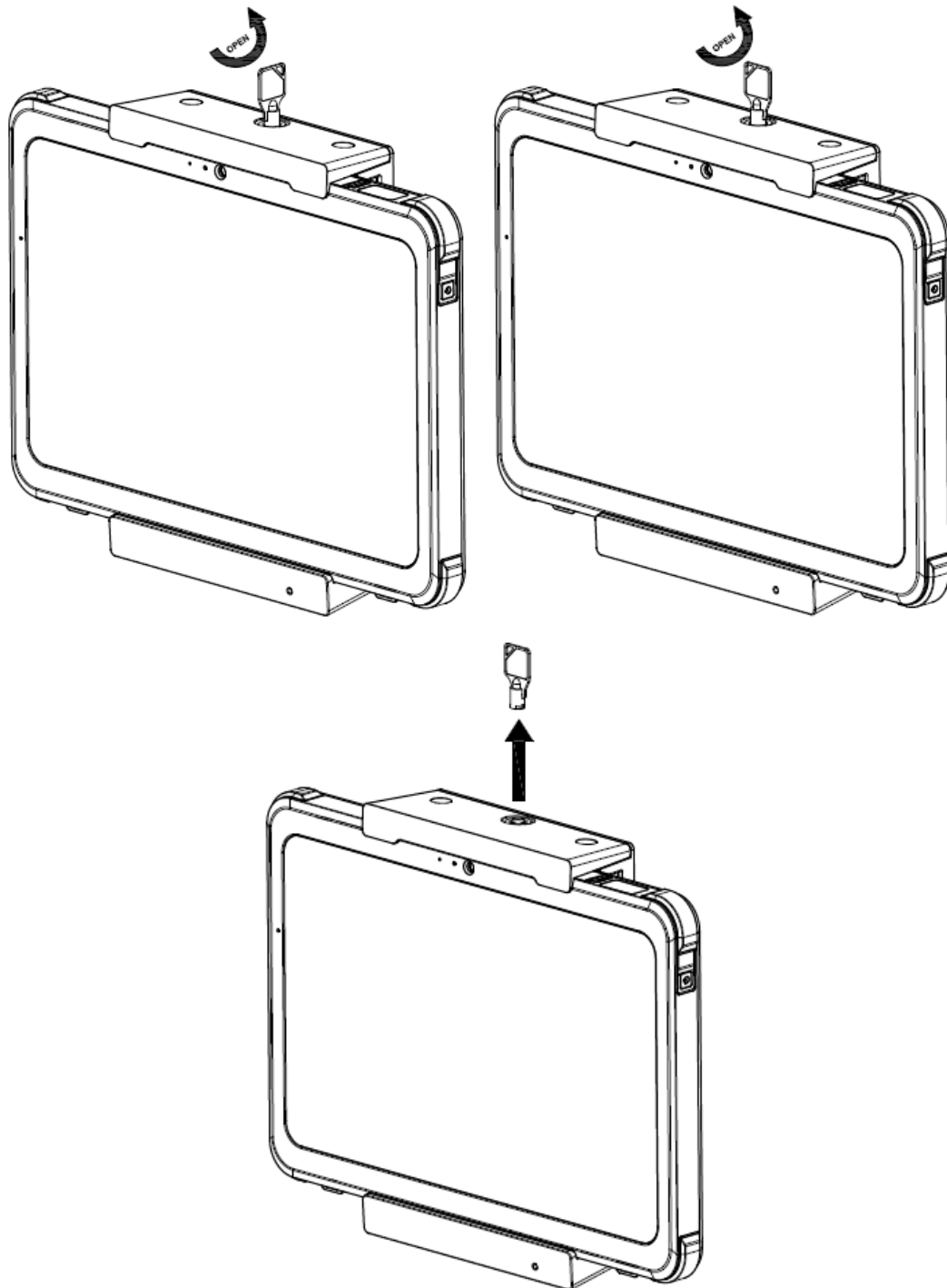


Step 2. Make sure the tablet is placed at the right position and press down the upper cover.

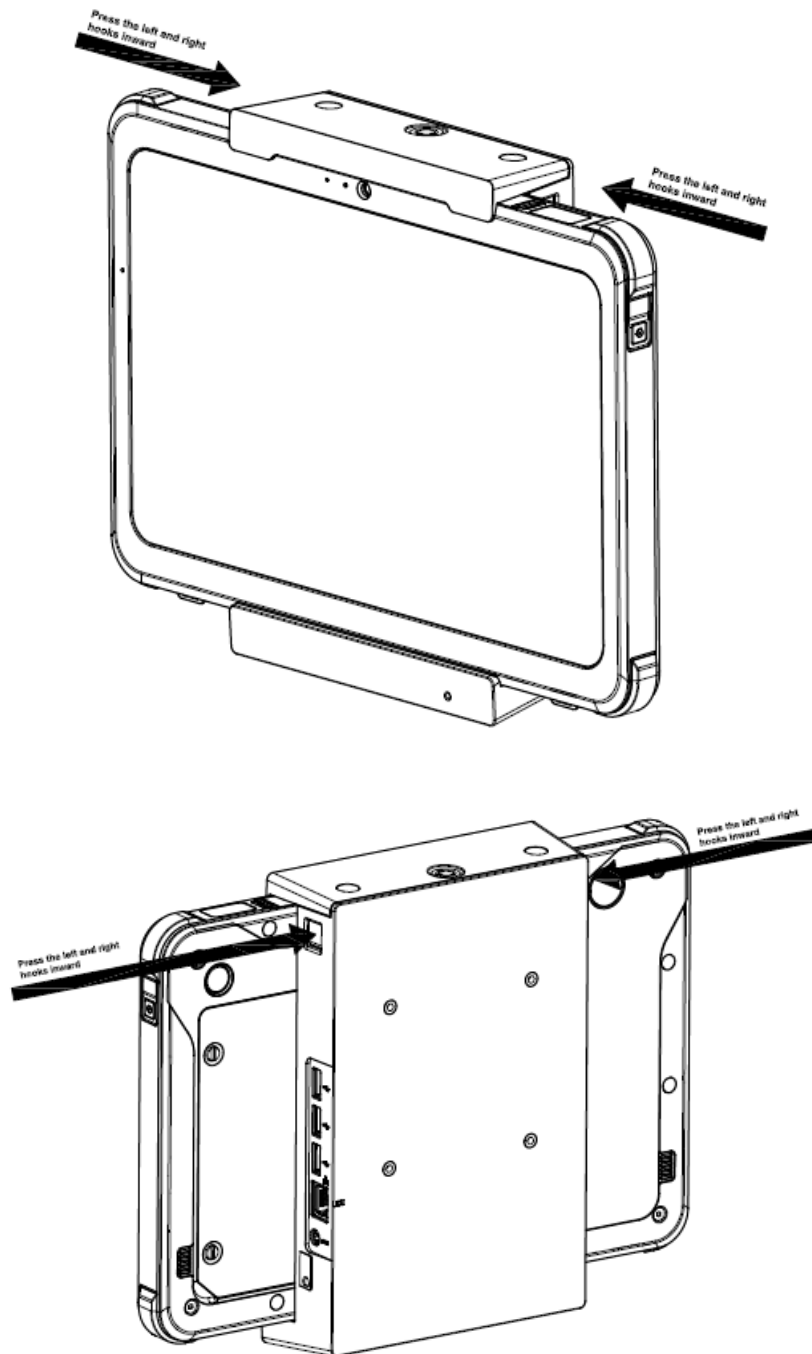


Step 3. Turn the key to lock in position. Make the texts on the image editable for localization
Keep the key in a safe place. If you lose the key, contact the manufacturer.

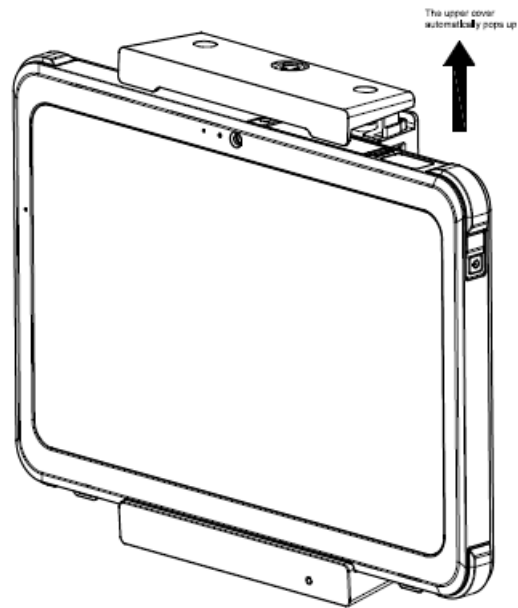
2.2 Wall Mounting



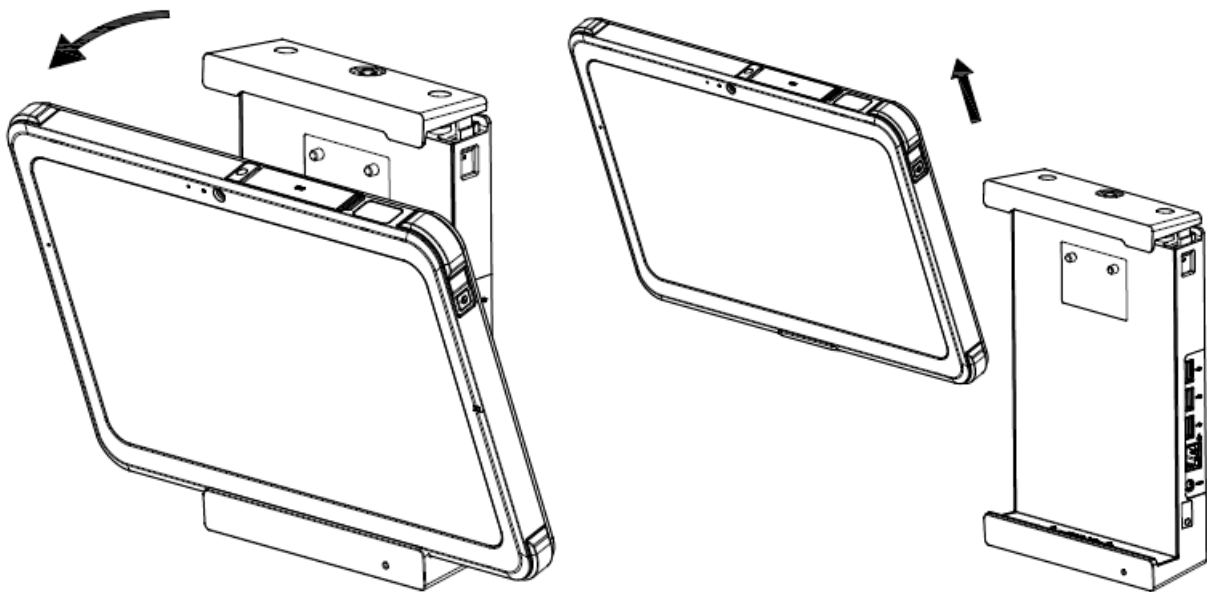
Step 1. Turn the key to unlock.



Step 2. Press the left and right hooks inward.

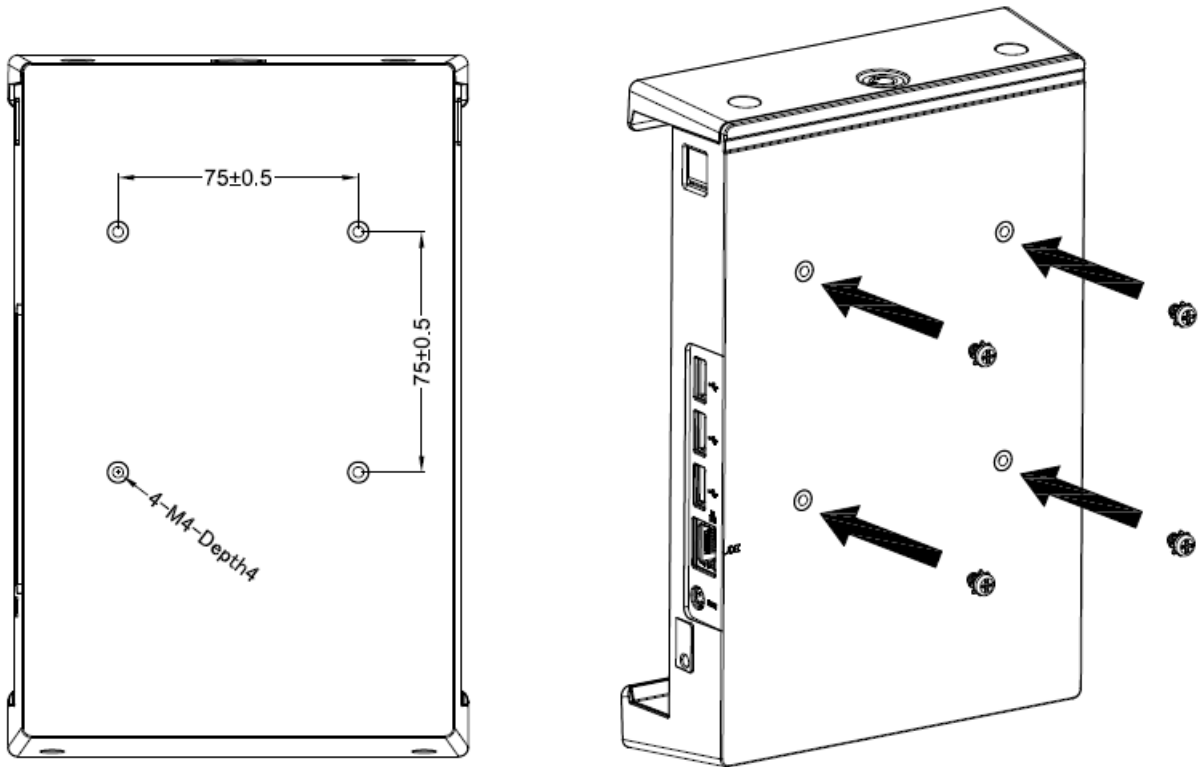


Step 3. The upper cover automatically pops up.



Step 4. Take off the tablet from the mounting station.

2.3 Installing VESA



Step 1. Insert VESA into designated location and fasten with 4 screws to complete Installation.

