



ASRock iEP-9010E, iEPF-9010S Series Edge AIoT Platform Instruction Manual

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ASRock®

— Industrial —

iEP-9010E, iEPF-9010S Series Edge AIoT Platform
Instruction Manual



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iEP-9010E, iEPF-9010S Series Edge AIoT Platform



iEP-9010E Series



iEPF-9010S Series

Package Contents



iEPF-9010S Series



iEP-9010E Series

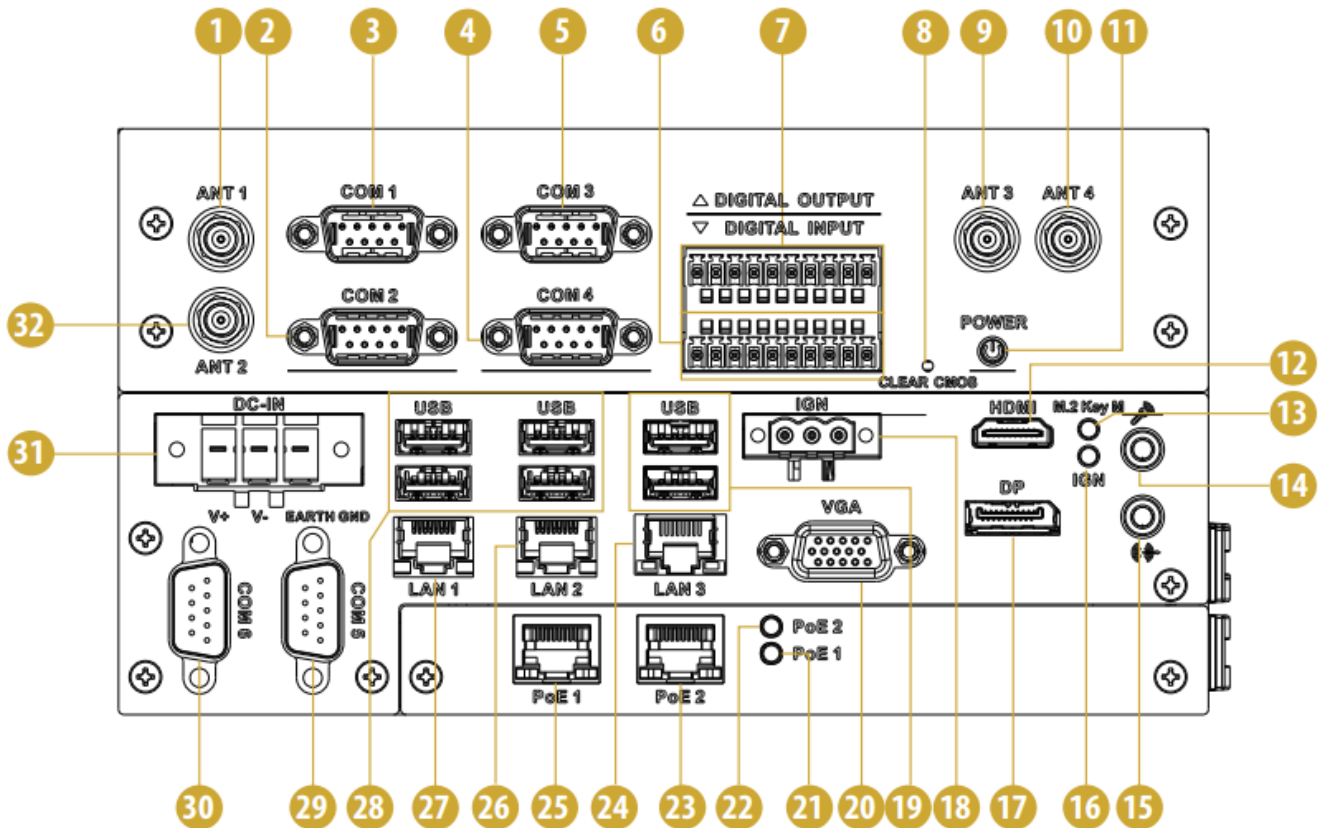
Item	Quantity
iEPF-9010S Series / iEP-9010E Series	1
Rubber foot	4
M3x8L Round Head Bolts for Rubber foot	4
Desk Mount	2
M3x5L Countersunk Screws for Desk Mount	8
M4x10L Round Head Bolts for Desk Mount	4
M3x4L Round Head Bolts for SODIMM Bracket	4
Terminal Block 1X3P ST 7.62m	1
Terminal Block 1X3P ST 5.0m	1
Terminal Block 1X10P ST 3.5m	2
Screw for M.2 I-Head M2*2	3
Screw for MiniPCle 3.7xM2.0x3.3L	2
Screw M3*4mm for 2.5" Tray	16
M.2 Heatsink	1
SODIMM Bracket w/Mylar	2
SODIMM Heatsink	2
Nut M2 H=3.35mm w/Thread (HEX)	1
Option: Power Adapter 330W, FSP330-AAAN3 /9NA3300208	1

HDMI®

HIGH-DEFINITION MULTIMEDIA INTERFACE

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Product Overview

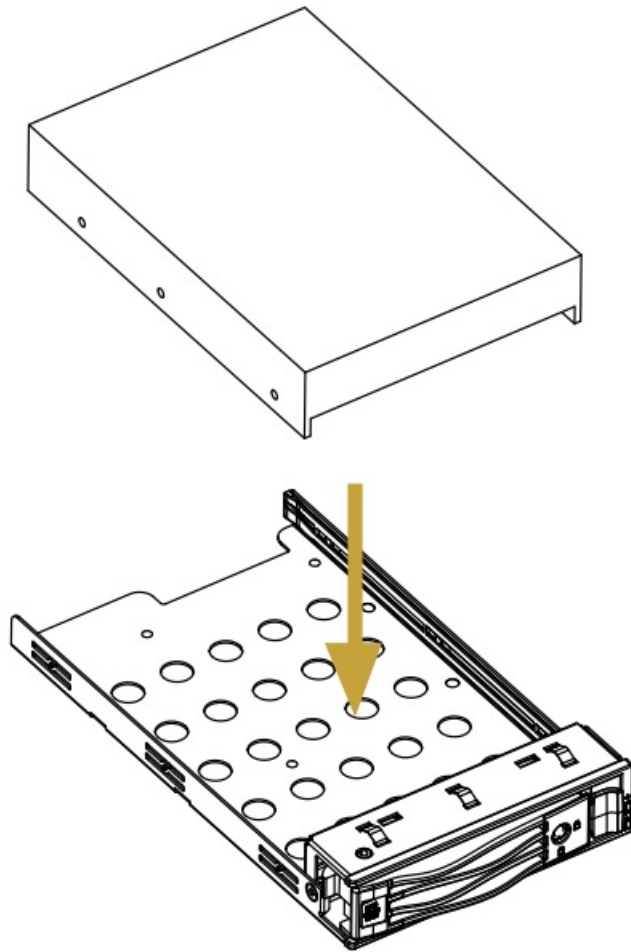


No	Description
1	Antenna Port 1
2	Serial Port (COM 2)
3	Serial Port (COM 1)
4	Serial Port (COM 4)
5	Serial Port (COM 3)
6	Digital Input
7	Digital Output
8	ClearCMOS Button
9	Antenna Port 3

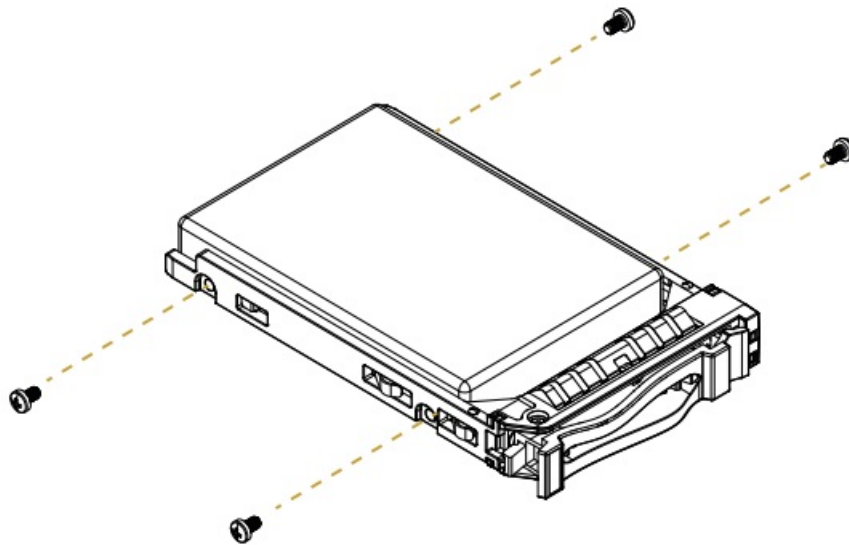
10	Antenna Port 4
11	Power Switch
12	HDMI
13	M.2 Slot (Key M) Status LED
14	Audio (Mic-in)
15	Audio (Line-out)
16	IGN Status LED
17	DisplayPort
18	Remote Power On/off Switch (IGN)
19	USB
20	VGA Port
21	PoE1 Port Status LED (PoE 1)
22	PoE2 Port Status LED (PoE 2)
23	LAN RJ-45 PoE Port (PoE 2)
24	LAN RJ-45 Port (LAN 3) (R680E sku)
25	LAN RJ-45 PoE Port (PoE 1)
26	LAN RJ-45 Port (LAN 2)
27	LAN RJ-45 Port (LAN 1)
28	USB
29	Serial Port (COM 5)
30	Serial Port (COM 6)
31	DC Power Input (DC-IN)
32	Antenna Port 2

Hard Drive: How to Install a 2.5" Hard Drive to the Hard Drive Tray

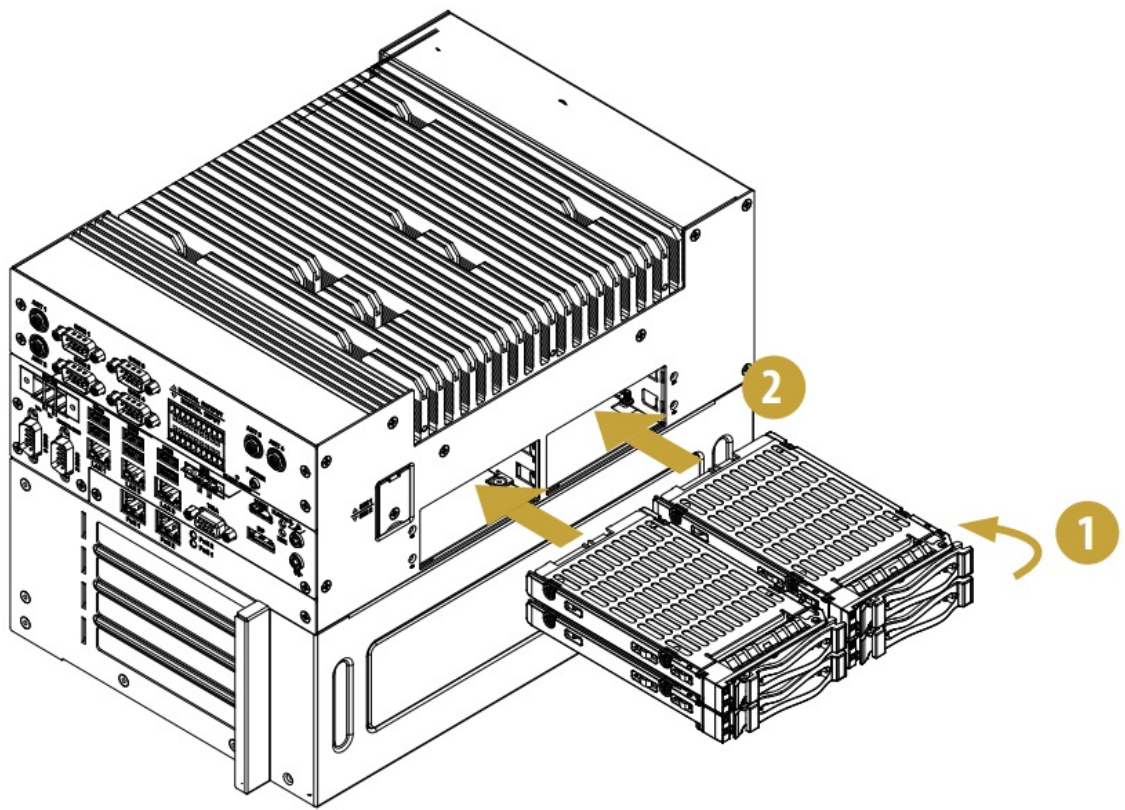
1. Place a 2.5" HDD into the tray with the printed circuit board side facing down. Carefully align the mounting holes in the hard drive and the tray.



2. Secure the hard drive using four screws.

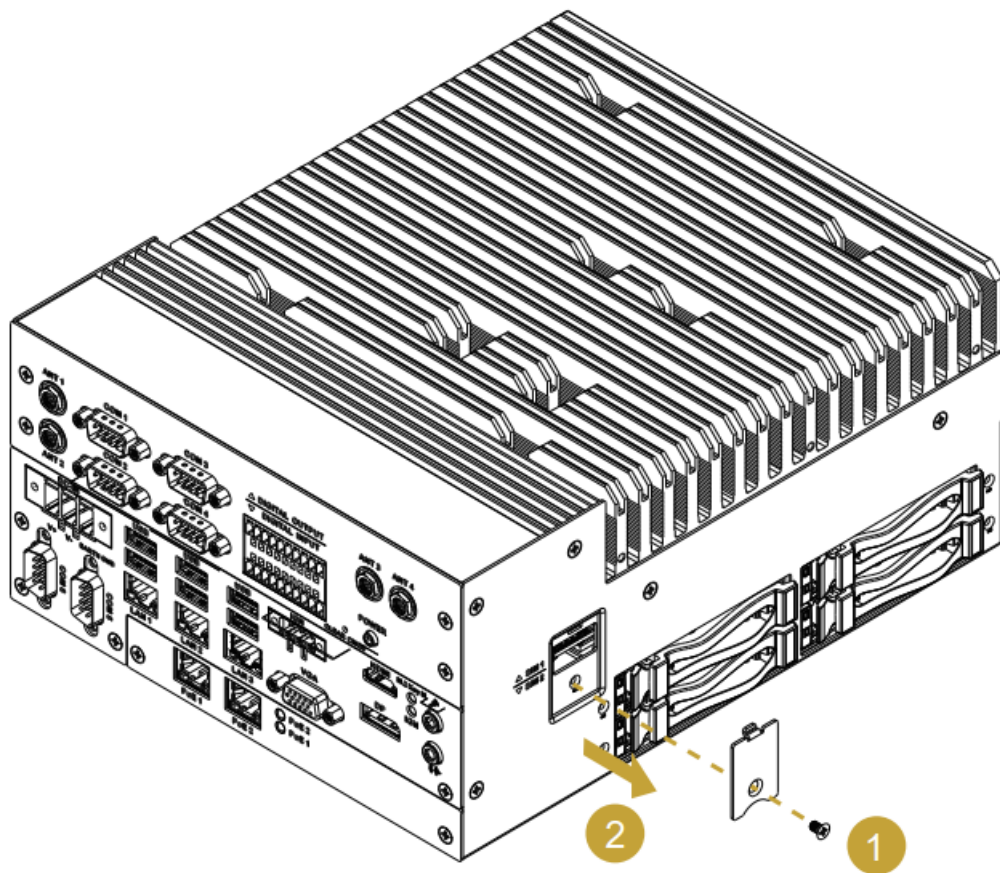


3. Slide the drive tray into the HDD bay until the drive is fully seated. Push in the locking lever to lock the HDD tray into place.



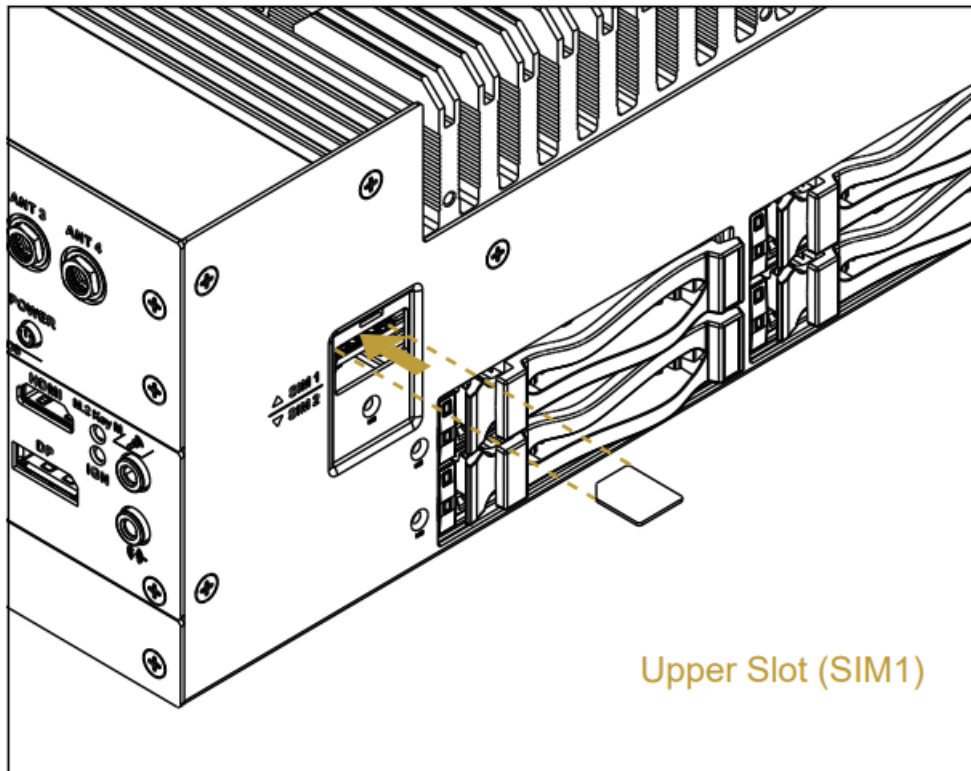
SIM Card: How to Install the SIM Card

1. Release the screw and remove the SIM card slot cover.



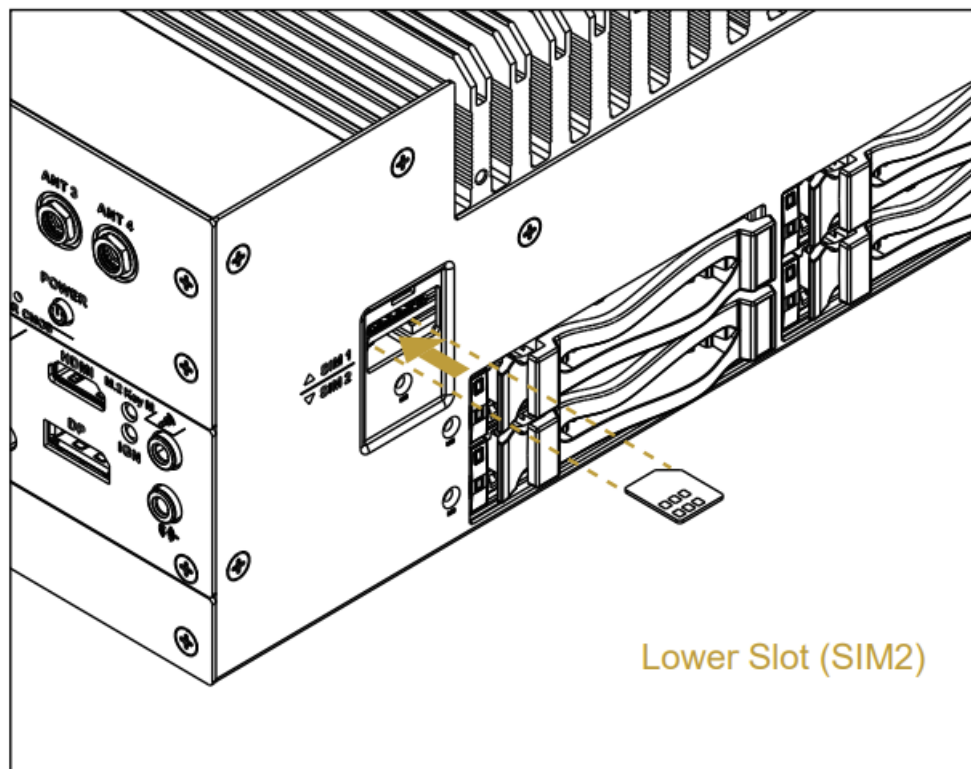
2. Insert a SIM card to the SIM card slot.

SIM1 (Upper Slot):



When inserting the SIM Card to the upper slot, make sure the notch on the SIM card is oriented with the gold contacts face down.

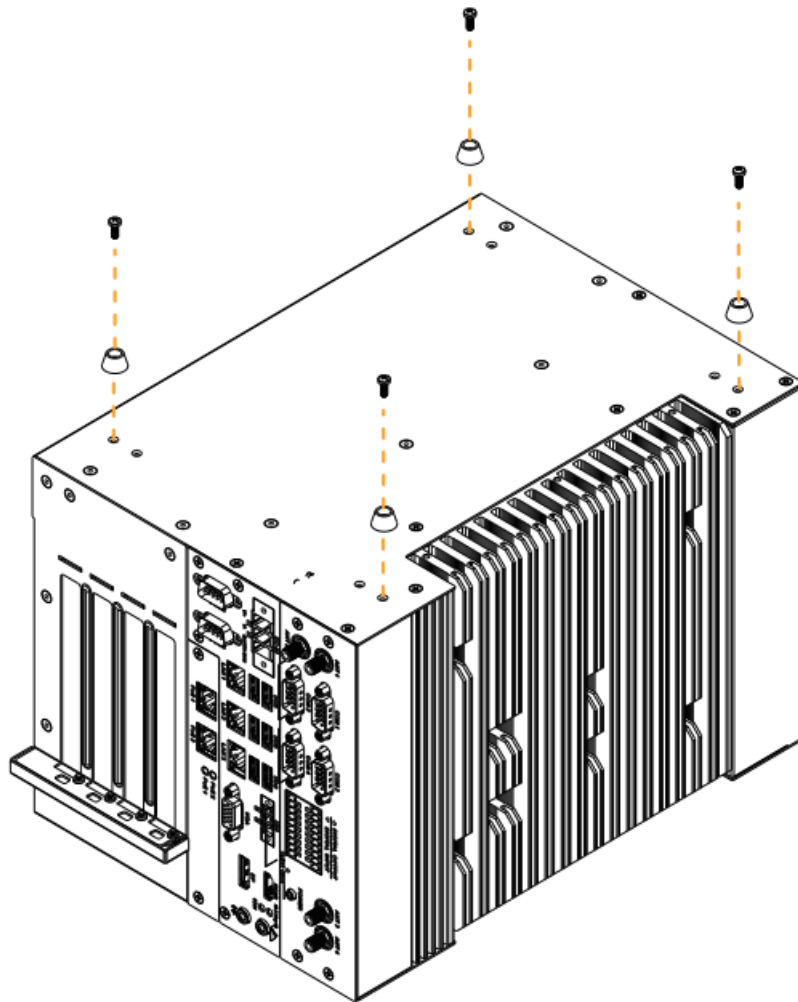
SIM2 (Lower Slot):



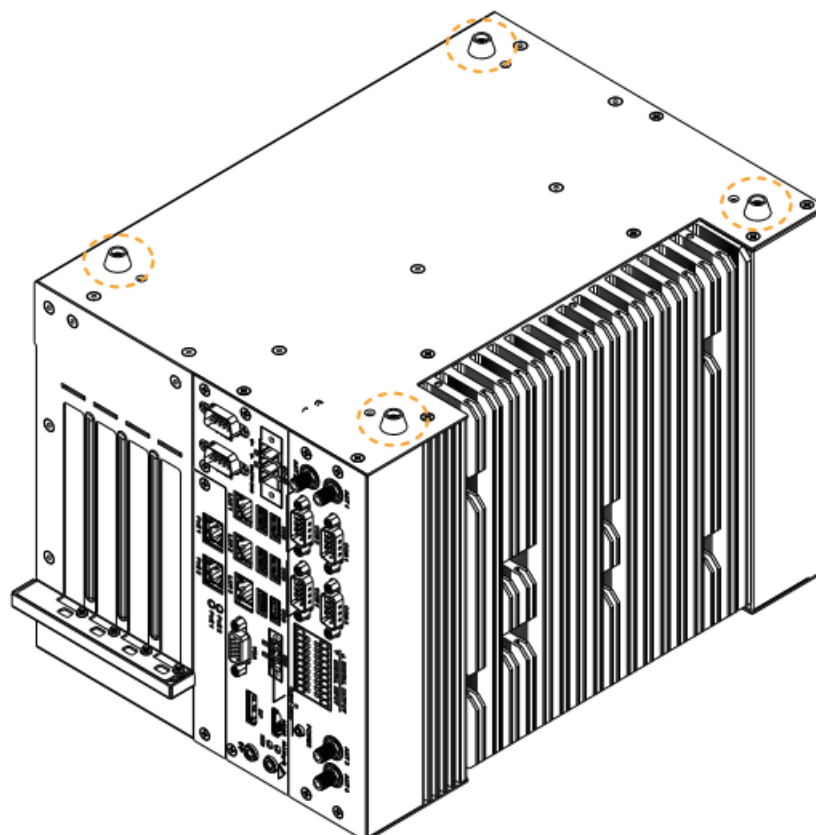
When inserting the SIM Card to the lower slot, make sure the notch on the SIM card is oriented with the gold contacts face up.

Rubber Foot: How to Install the Rubber Foot- iEPF-9010S Series

1. Attach four rubber foots to the iEPF-9010S Series and secure them with four screws.

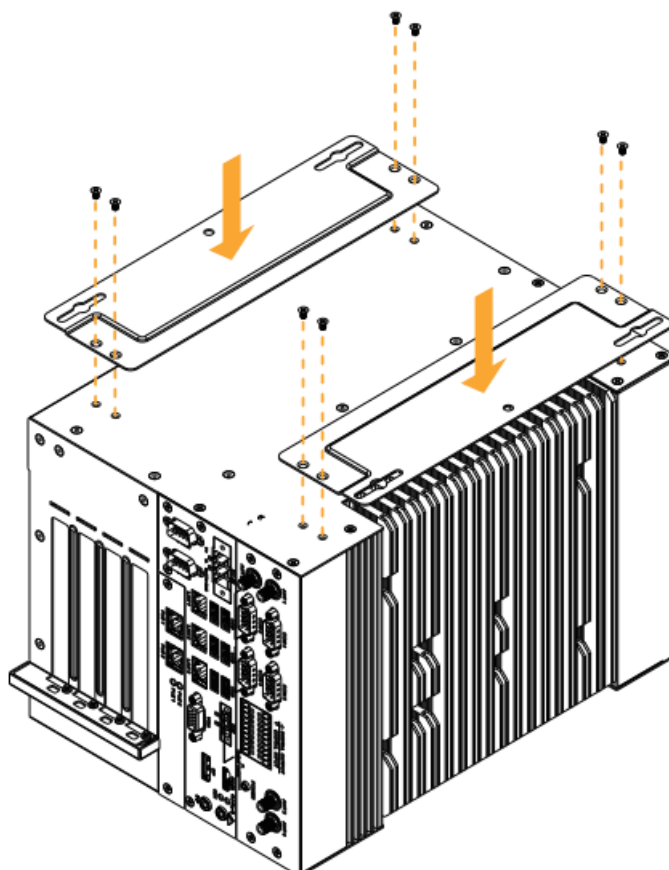


2. Then you can put the iEPF-9010S Series Sto any horizontal surface.

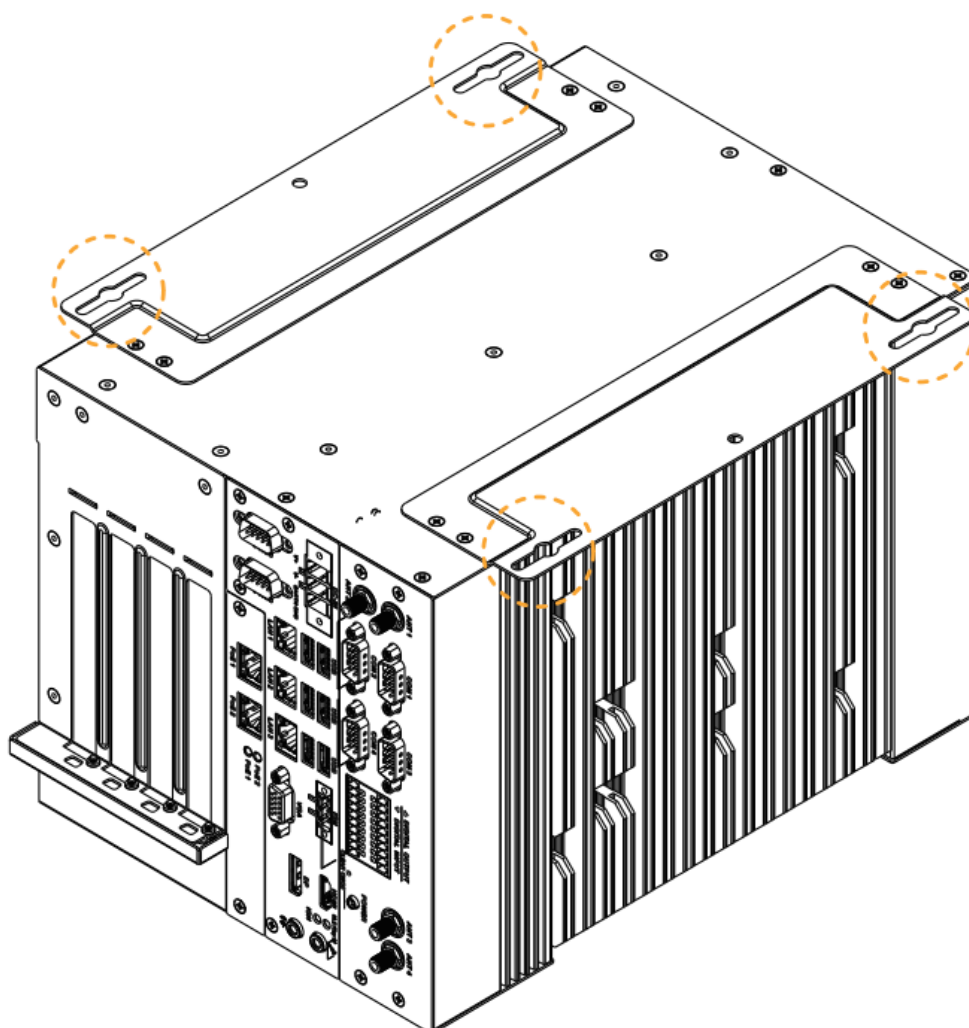


Desk Mounting: How to Install the Desk Mounting Bracket – iEPF-9010S Series

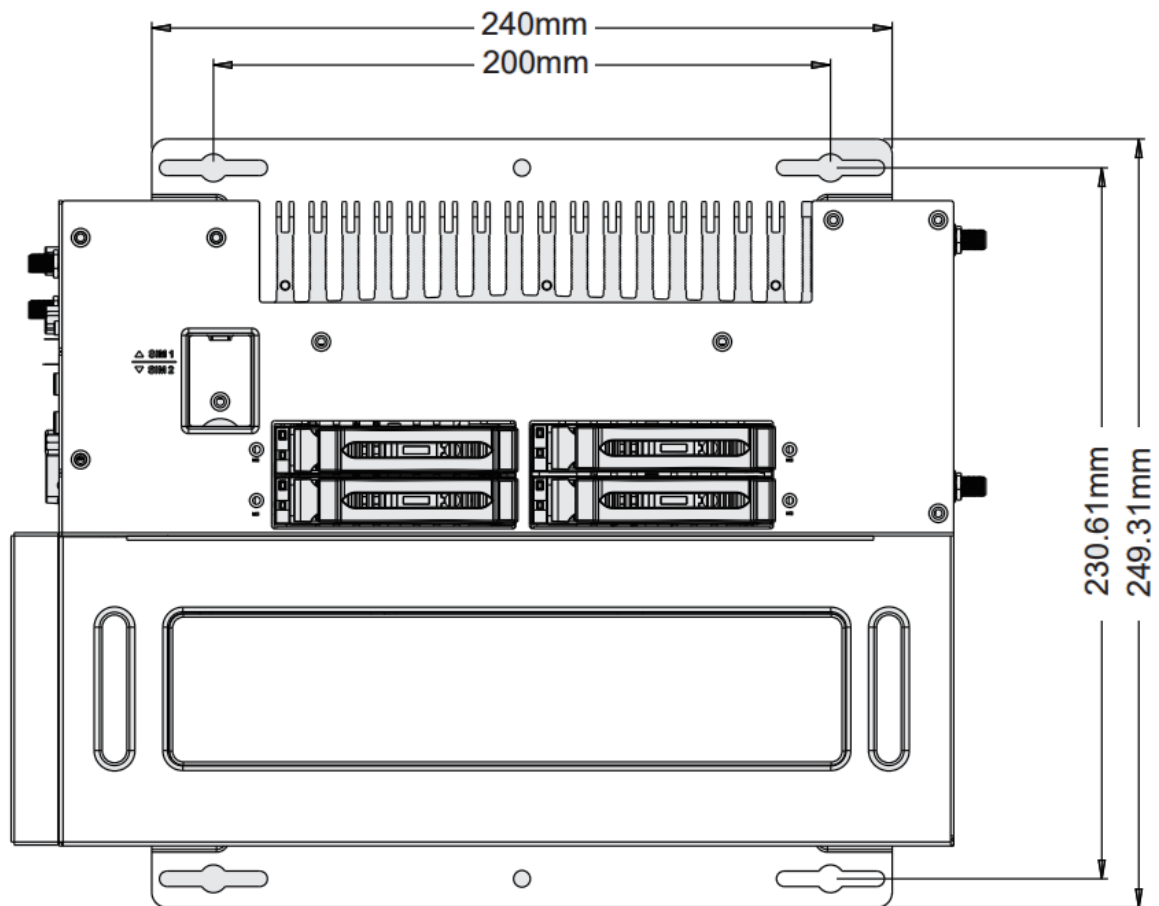
1. Attach the two desk mount brackets to the iEPF-9010S Series and secure them with eight screws.



2. Then you can attach the iEPF-9010S Series to any horizontal surface.

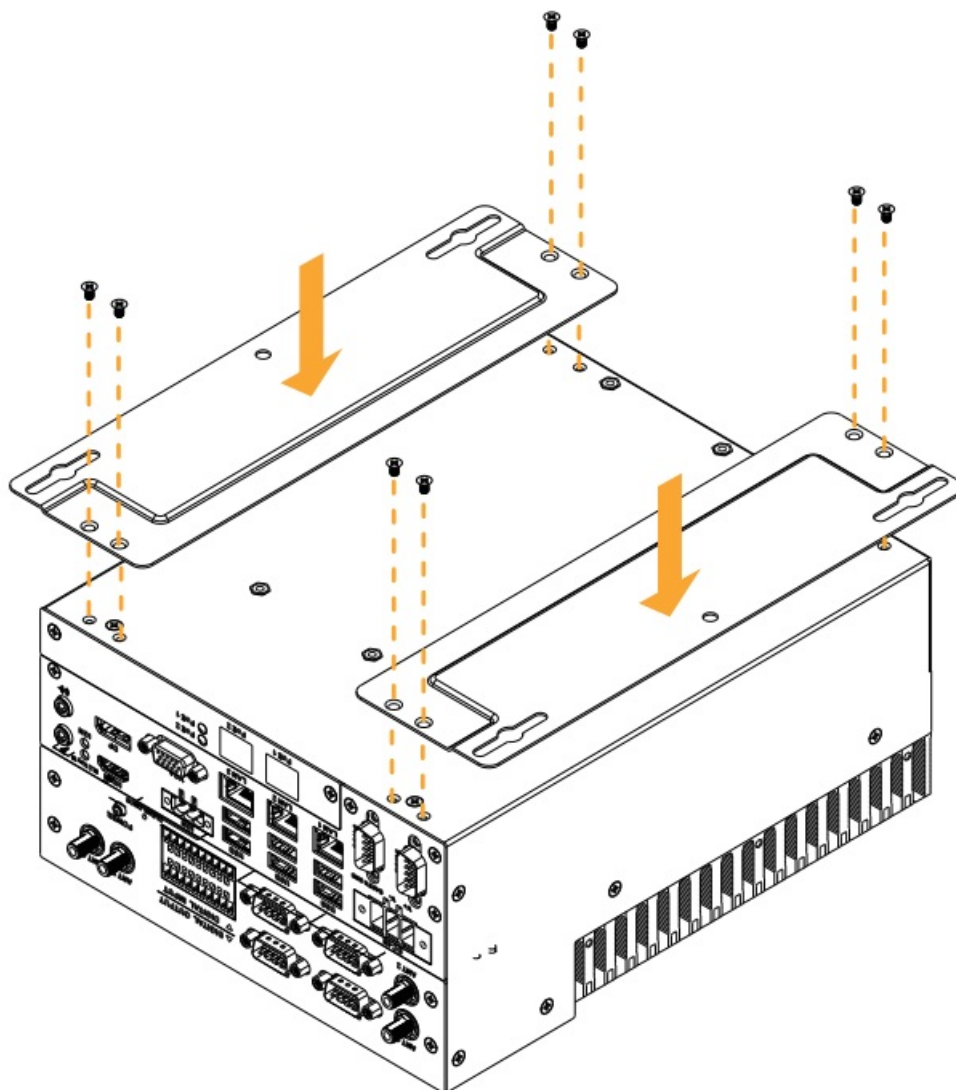


Dimension of the iEPF-9010S Series with Desk Mounting Bracket Installed

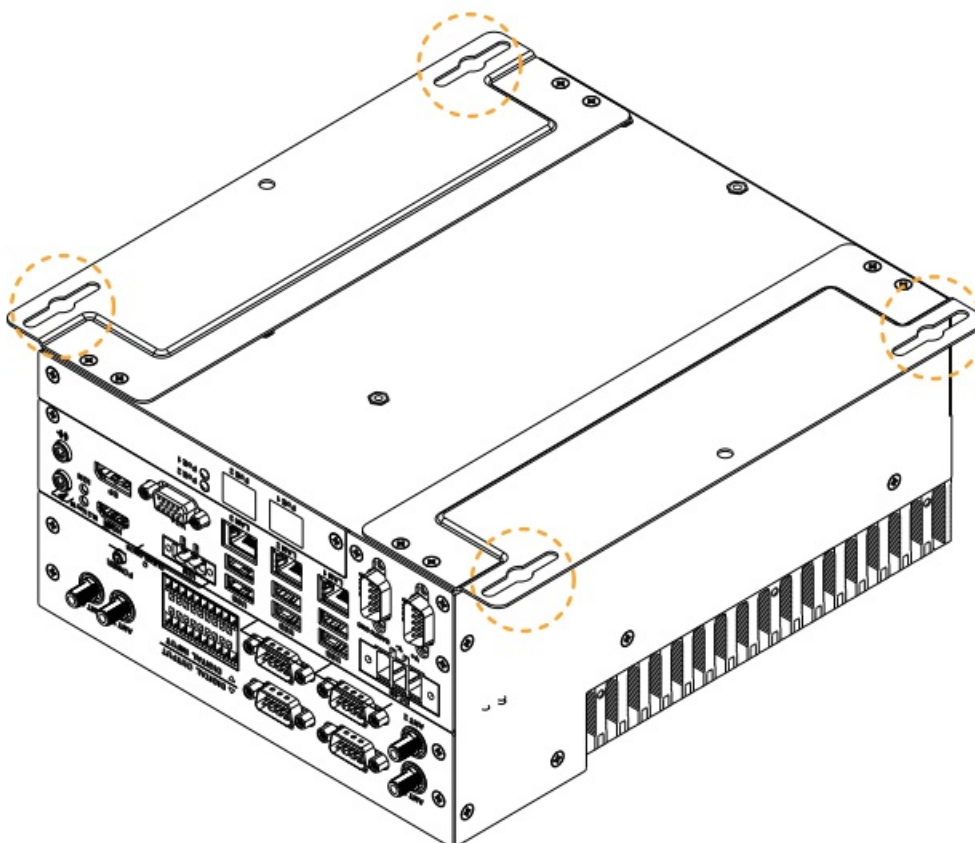


Desk Mounting: How to Install the Desk Mounting Bracket – iEP-9010E Series

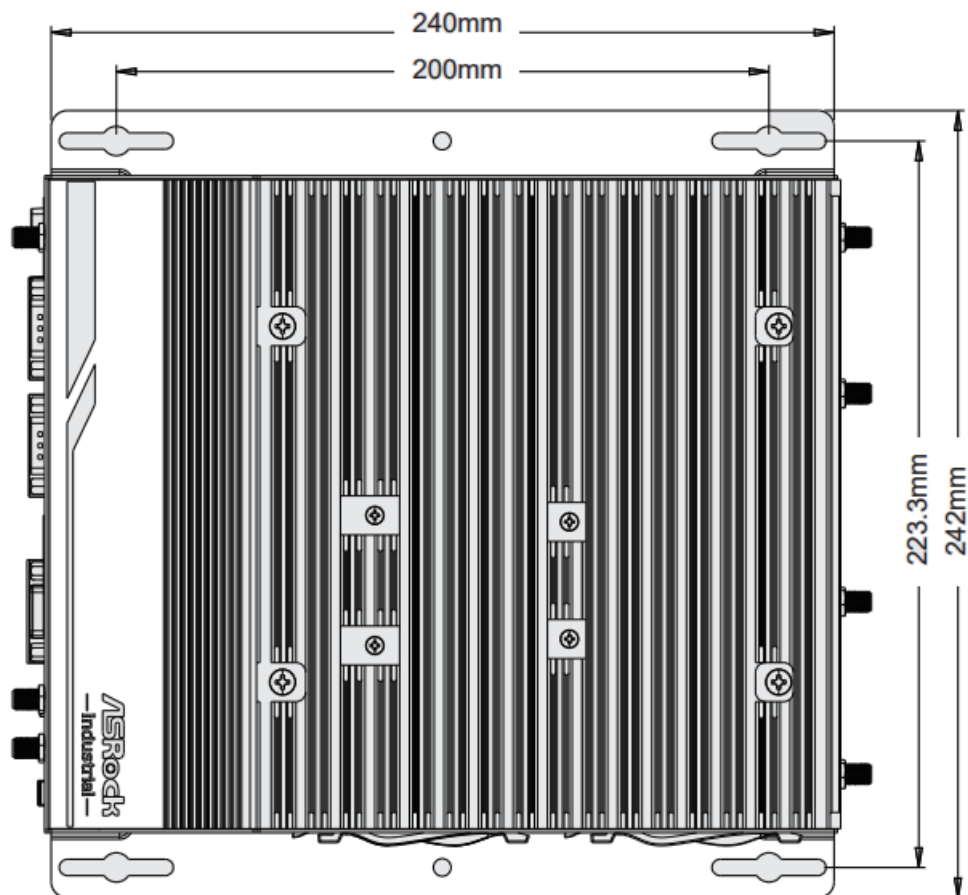
1. Attach the two desk mount brackets to the iEP-9010E Series and secure them with eight screws.



2. Then you can attach the iEP-9010E Series to any horizontal surface.

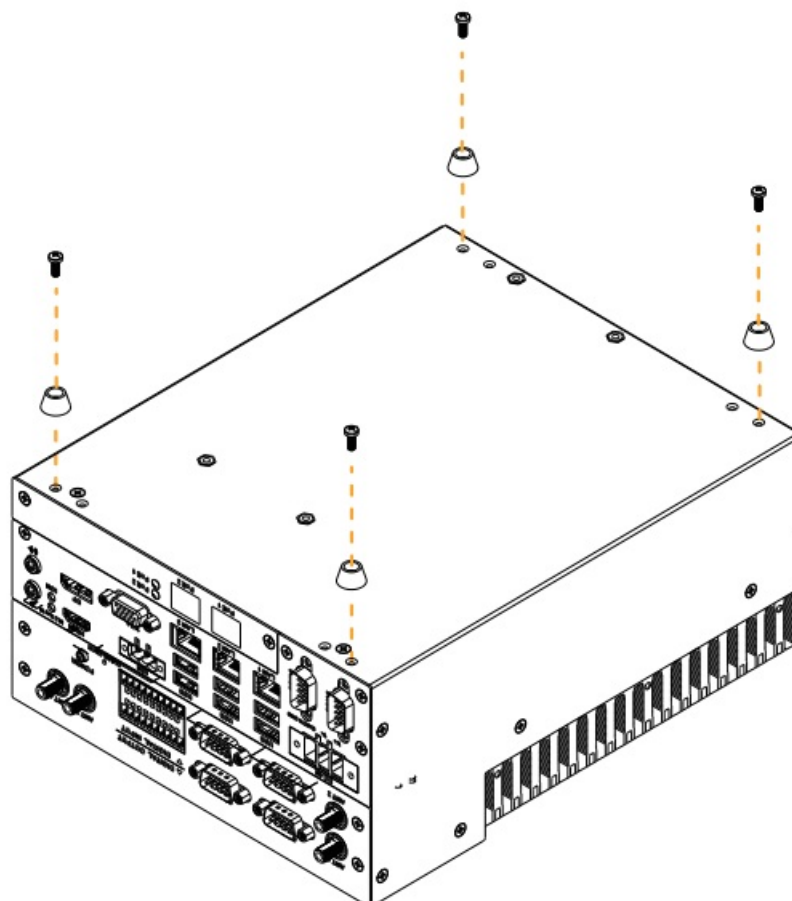


Dimension of the iEP-9010E Series with Desk Mounting Bracket Installed

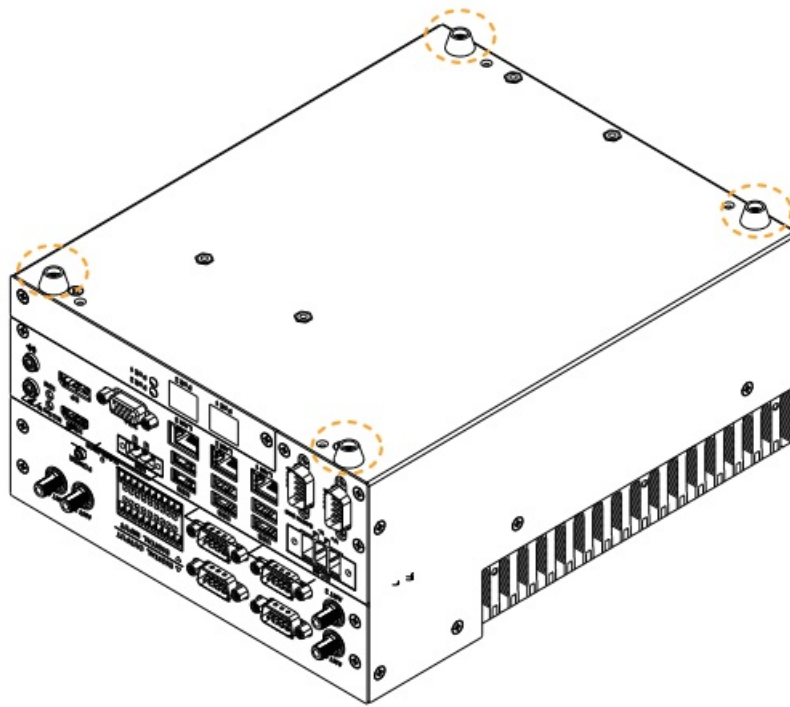


Rubber Foot: How to Install the Rubber Foot – iEP-9010E Series

1. Attach four rubber foots to the iEP-9010E Series and secure them with four screws.

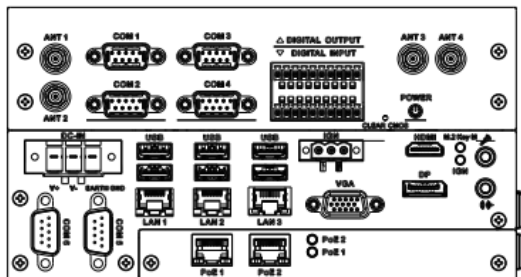


2. Then you can put the iEP-9010E Series to any horizontal surface.

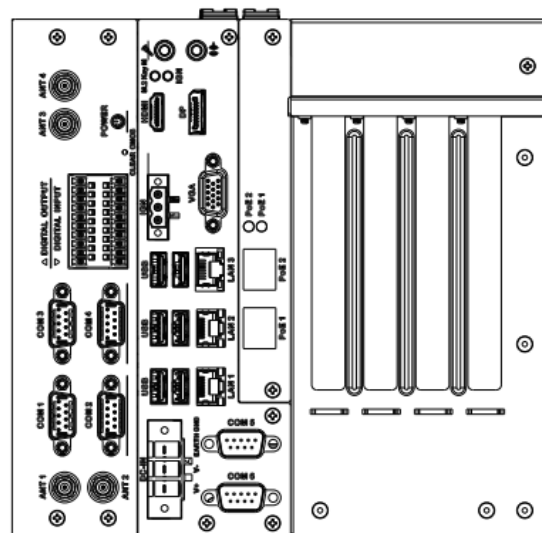


Position of the iEP(F)-9010E/S Series

The iEP(F)-9010E/S Series should be placed in vertical position only.



iEP-9010E Series



iEPF-9010S Series

Recommended Torque Table


Screw Driver Recommended Torque Value


Items Secured to Chassis	Value (Kgf-cm)
Chassis & Top Case/Heatsink	3.0 + / – 0.5
Rubber Foot	3.0 + / – 0.5
Desk Mount	3.0 + / – 0.5
2.5" Tray and 2.5" Device	3.0 + / – 0.5
Items Secured to PCBA	Value (Kgf-cm)
DIMM BKT	2.0 + / – 0.5
Device: M.2 & Mini PCIE Module	2.0 + / – 0.5
Phoenix DC in & IGN	2.0 + / – 0.5

Warranty Term


- Warranty of host of- iEP(F)-9010E/S Series super microcomputer (casing excluded): 2 year
- Warranty of transformer (including the plug), remote control and wireless module: 2 year
- Our warranty does not cover the casing of the product, the CD drive, the metal frame and fastenings and screws, or packaging accessories.
- Data stored in the product may be lost as a result of the repair work or re-formatting of the hard drive disk. We does not provide data recovery services or data storage. Please back up your data regularly to protect the data and avoid loss. For details of our warranty terms, please refer to the individual warranty statement applicable to the district where your product was bought.

Safety & Regulatory Information

 Failure to use the included Power Adapter may violate regulatory compliance and may expose the user to safety hazards.

 Risk of explosion if the battery is replaced with an incorrect type. Batteries should be recycled where possible. Disposal of used Batteries must be in accordance with local environmental regulations.

BURN HAZARD

 Hot surface! Do not touch! Touching this surface could result in bodily injury. To reduce risk, allow the surface to cool before touching

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P/N: 15G06M116000AI



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