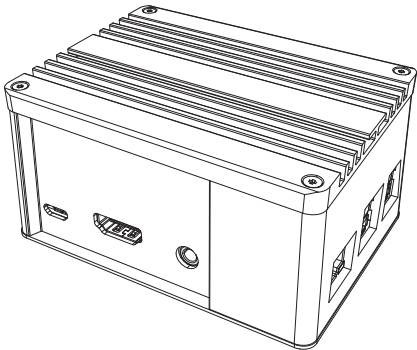




Installation Manual

Product Code: RAK831 Pilot Gateway

GB
CAUTION
Electrostatic discharge (ESD) can damage system components. If an ESD-controlled workstation is not available, wear an antistatic wrist strap or touch an earthed surface before handling any PC components.
WARNING
Please be careful when unpacking and setting up this product as metal edges can cause injury if not handled with care.

FR
ATTENTION
Une décharge électrostatique (ESD) risque d'endommager les composants du système. Si vous ne disposez pas d'une station de travail avec protection contre l'ESD, portez un bracelet antistatique ou touchez une surface reliée à la terre avant de manipuler les composants de l'ordinateur.
AVERTISSEMENT
Faites attention lors du déballage et de l'installation de ce produit car il comporte des coins métalliques coupants qui risquent de vous blesser s'ils ne sont pas manipulés avec soin.

D
Vorsicht:
Elektrostatische Entladungen (ESD — Electrostatic discharge) kann Systemkomponenten beschädigen. Sollte ein ESD geschützter Arbeitsplatz nicht vorhanden sein, tragen Sie ein antistatisches Armband or berühren Sie eine geerdete Oberfläche bevor Sie mit den Arbeiten am Computer beginnen.
Warnung
Seien Sie vorsichtig beim Auspacken und beim Aufbau dieses Produktes. Scharfe Metallkanten könnten Verletzungen hervorrufen wenn ohne die nötige Vorsicht vorgegangen wird.

ES
CUIDADO
Descargas electrostáticas (ESD) pueden dañar los componentes de su sistema.
Si no puede disponer de una estación de trabajo libre de electrostática, use una muñequera antiestática o toque una superficie que haga tierra antes de manipular los componentes del ordenador.
PELIGRO
Por favor sea cuidadoso cuando desempaquete y ensamble este producto. Los filos de metal pueden causarle cortes o heridas si no son manipulados adecuadamente.

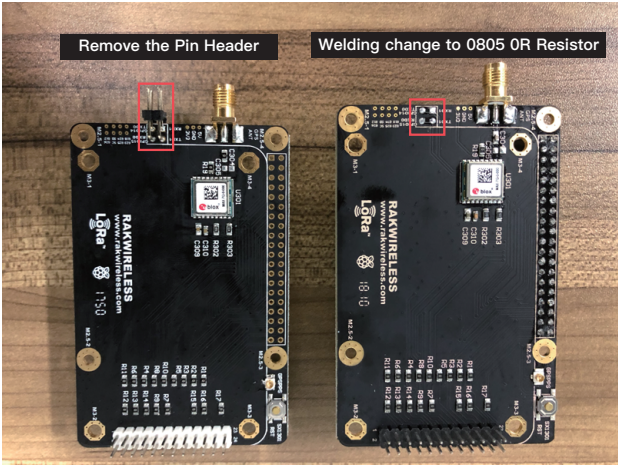
PT
CUIDADO
Descargas Eletroestáticas (ESD) podem danificar componentes do PC. Caso não tenha uma bancada específica disponível, utilize uma pulseira anti-estática ou toque uma superfície aterrada antes de manusear qualquer componente.
ATENÇÃO
Por favor tenha cuidado ao desembalar e montar este produto, as extremidades de metal podem machucar, caso o mesmo não seja manuseado com cuidado.

JP
注意
静電気放電(ESD)は電子部品・機器に損傷を与えることがあります。
本製品の取付け作業を行う前に、必ず静電気除去作業を行ってください。
静電気防止袋もしくは静電気防止用ストラップを着用して、取付け作業を行ってください。
警告
金属の角(エッジ)部分でケガをする恐れがありますので、
本製品を開梱後、セットアップする際には、くれぐれ也十分ご注意ください。

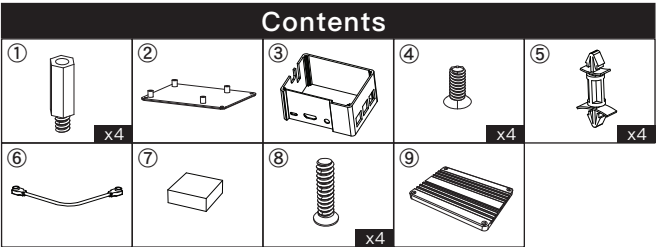
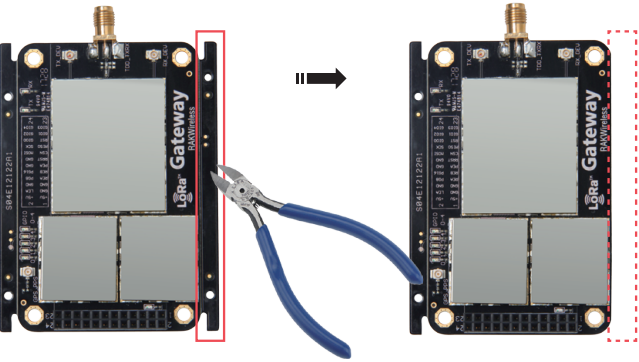
CN
注意
靜電放電(ESD)可能會損壞系統元件。請使用低ESD工作站。若無法取得此類工作站,請先穿戴防靜電腕帶或碰觸地表面,再拿取任何電腦組件。
警告
開箱及安裝中請小心取用,避免被金屬邊緣割傷。

⚠ **Note:** If your RAK831 LoRa Gateway needs to install the casing, Please confirm the following two conditions are resolved before installation, so that the casing can be installed properly.

1. Please confirm that there is no pin header in your converter board before installation, The new version of the converter board has cancelled the pin header and welding changed to 0805 0R resistor.

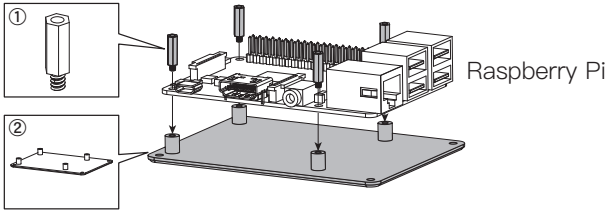


2. If you found the RAK831 still have two side strip, please must remove at least one side (near the Gateway text and logo side), please can using the diagonal pliers, just clamped and snapped it.

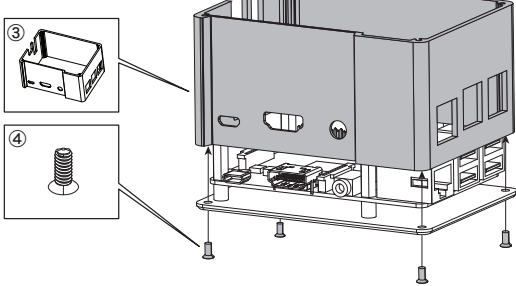


Installation

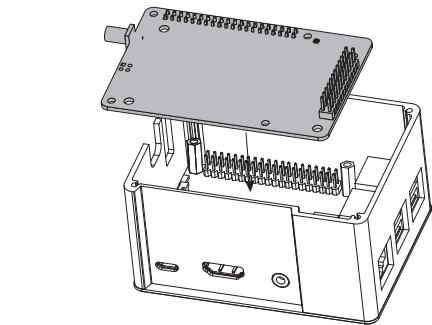
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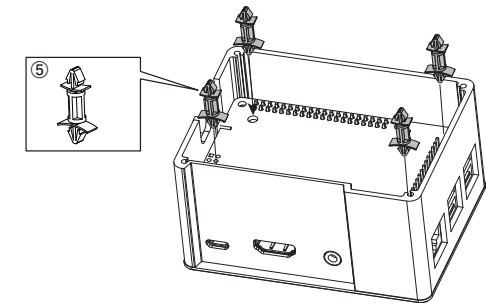
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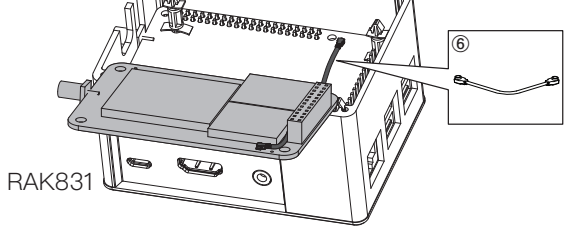
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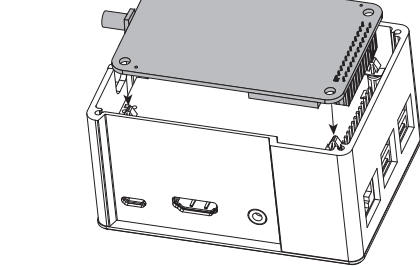
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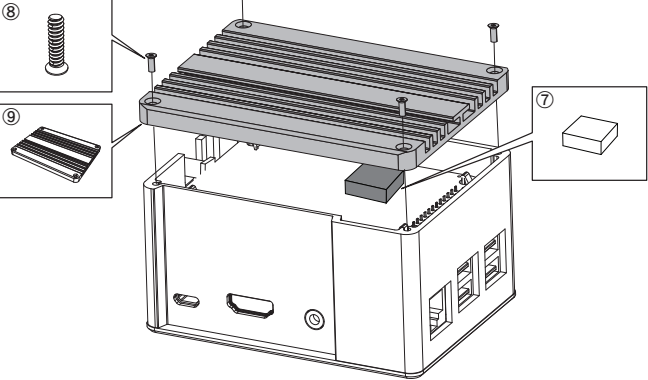
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6



7



Antenna fitting Installation

