Ultra Compact PC Kit

Ultrakompakt-PC-Set / Kit PC ultra compact / Kit PC ultra compacto
Kit PC Ultra Compacto / Kit PC Ultra Compatto / Ультракомпактный ПК
Ultra Kompaktowy zestaw PC / Ultra Compact PC Kiti / GB-TCV系列超微型電腦
GB-TCV超微型台式计算机 / ウルトラ・コンパクトPCキット / GB-TCV초미니 PC 키트

Quick Start Guide

Schnellstartanleitung / Guide de démarrage rapide / Guía de inicio rápido / Guia de Início Rápido
Guida Rapida / Руководство по быстрой сборке / Skrócona instrukcja obsługi
Hızlı Başlangıç Kılavuzu / 快速入門使用者手冊 / 快速入门用户手册
クイック・スタート・ガイド / 빠른 시작 설명서

Package Contents

Lieferumfang / Contenu de l'emballage / Contenido del paquete / Conteúdo do Pacote / Contenuto Confezione
Комплект поставки / Przewodnik użytkownika / Paket İçeriği / 包裝內容物 / 包装内容物 / パッケージの内容
패키지 내용물

1 x GB-TCV
- NOT Include any of the following: 3G module, SIM card, SO-DIMM memory
- 3G-Modul, SIM-Karte, SO-DIMM-Speicher: nicht enthalten
- Ne contient pas les éléments suivants : module 3G, carte SIM, mémoire SO-DIMM
- No incluye: módulo 3G, tarjeta SIM, SO-DIMM de memoria
- Não inclui nenhum dos itens: módulo 3G, chip SIM, memória SO-DIMM
- Non sono inclusi: Modulo 3G, Scheda SIM, Memorie SO-DIMM
- НЕ ВХОДЯТ в комплект поставки: 3G модуль, SIM-карта, SO-DIMM модули ОЗУ
- Nie zawiera: modułu 3G, karty SIM, pamięci SO-DIMM
- 3G modülü,SIM kart,SO-DIMM bellek dahil değildir
- 不包含下列任何項目：3G模組、SIM卡、SO-DIMM記憶體
- 不包含下列任何项目：3G模块、SIM卡、SO-DIMM内存
- 下記品物を除く：3Gモジュール、SIMカード、SO-DIMMメモリー
- 미포함 항목 : 3G 모듈, SIM카드, SO-DIMM 메모리

1 x VESA Mount Bracket & 6 x Screws

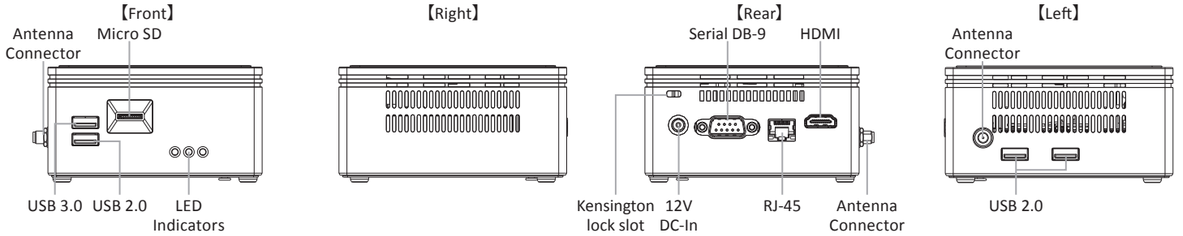
1 x 30 Watt Wall-mount Adapter
※輸入：DC 12V, 2.5A

1 x 3G Antenna

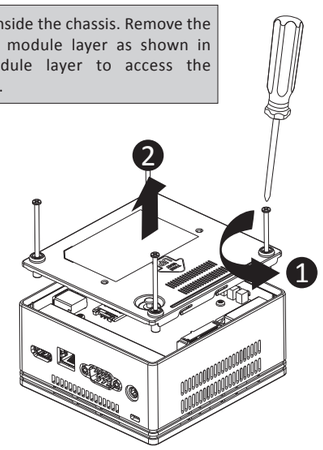
1 x Quick Start Guide

Getting Familiar with Your Unit

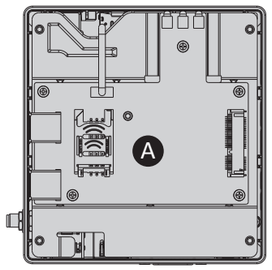
Lernen Sie ihr Geräts kennen / Découvrez votre unité / Conozca su dispositivo / Conhecendo a sua unidade / Scopri la tua unità / Первое знакомство с устройством / Prezentacja zestawu / Cihazınızı daha iyi tanıyın
認識您的裝置 (※系統操作溫度0°C~35°C) / 熟悉您的设备 / 自分のBRIXについて詳しくなろう / 장치 숙지하기



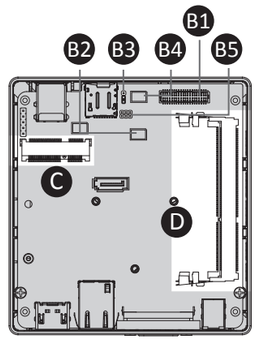
Note: GB-TCV2A contains 2 PCBs inside the chassis. Remove the bottom panel to access the 3G module layer as shown in Figure-1. Remove the 3G module layer to access the motherboard as shown in Figure-2.



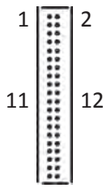
【Figure-1】



【Figure-2】

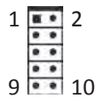


B1 LVDS



1	3.3V	21	A5P
2	5V	22	A4P
3	3.3V	23	A5M
4	5V	24	A4M
5	DDCCLK	25	GND
6	DDCDATA	26	GND
7	GND	27	A7P
8	GND	28	A6P
9	A1P	29	A7M
10	A0P	30	A6M
11	A1M	31	GND
12	A0M	32	GND
13	GND	33	CLK2P
14	GND	34	CLK1P
15	A3P	35	CLK2M
16	A2P	36	CLK1M
17	A3M	37	GND
18	A2M	38	GND
19	GND	39	12V
20	GND	40	12V

B2 POWER

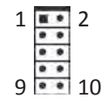


1	PWRBTN	6	BLUP
2	GND	7	UART_TX
3	MPD+	8	UART_RX
4	MPD-	9	3.3V
5	BLDN	10	GND

B3 JRS6

1	1.8V
2	DDI1_CLRT_DATA
3	GND

B4 80H



1	2.5MHz	6	LAD1
2	GND	7	LAD3
3	LFRAME	8	LAD2
4	LAD0	9	3.3V
5	PLTRST	10	SERIRQ_3.3V

B5 JP2

1	3.3V
2	3.3V
3	GPIO1
4	GPIO2
5	GND
6	GND

HDMI™ HIGH DEFINITION MULTIMEDIA INTERFACE

At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

25ME0-TCV200-Q0R 产地：中国 Made in China

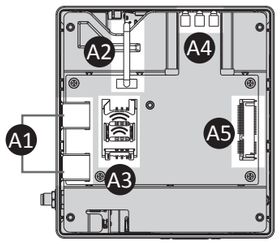
A. How to install Components Into the Kit

Wie installieren Komponenten in das Kit / Comment installer les composants dans votre kit / Cómo instalar los componentes en el Kit / Como instalar os componentes no kit BRIX
Come Installare i componenti nel Kit / Порядок установки компонентов, входящих в комплект поставки / Jak zainstalować składniki zestawu / Kit içine bileşenler nasıl yüklenir
零件安装 / 组装配件 / キットパーツのインストール方法 / 부품을 키트에 설치하는 방법

1

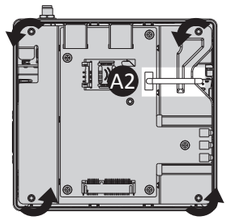
Remove the bottom panel to access the 3G module layer.

A1	2 x USB 2.0
A2	USB cable
A3	SIM card slot
A4	LED indicators
A5	Mini PCIe slot (support USB signal only)



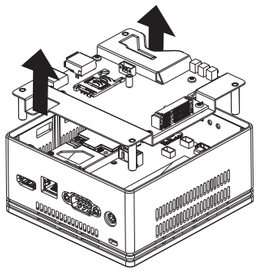
2

Disconnect the USB cable in A2 and unscrew the 4 corner screws.



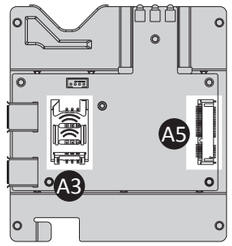
3

Carefully remove the 3G module layer from the chassis to access the motherboard.



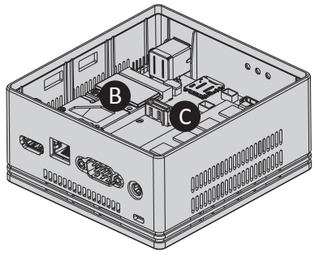
4

Install your SIM card in A3 and 3G module in A5. Connect the antenna cable inside the chassis to the 3G module.



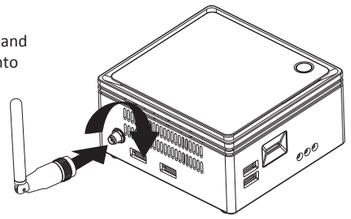
5

Install other peripheral cards in the mini PCIe slots and SO-DIMM memory on the motherboard.



6

Reassemble the chassis and screw the 3G antenna into the antenna connector.

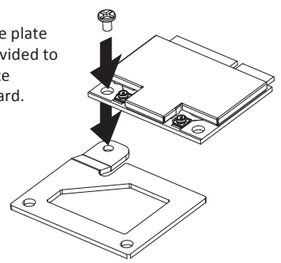


B-1. Full-size Mini-PCIe Slot: For Half-size PCIe-Cards, Please Use the Provided Plate Adapter as Shown

Für Half-Size-PCIe-Karten, bitte verwenden Sie den mitgelieferten Adapter-Platte, wie gezeigt / Pour les Cartes Mini-PCIe, Merci d'utiliser l'adaptateur de plaque fourni comme indiqué
Para tarjetas PCIe de tamaño pequeño, utilice el adaptador suministrado, tal y como se muestra / Para placas Half-size PCI-e, Utilize o adaptador conforme demonstrado
Per le schede PCIe di dimensioni ridotte usare l' adattatore fornito come mostrato / Чтобы получить доступ к разъемам для малоразмерных PCIe-плат, необходимо удалить днище корпуса как показано на рисунке
Dla połowy karty PCIe zastosuj dołączony zasilacz zgodnie z pokazanymi wytycznymi / Küçültülmüş PCIe kartlarda, Lütfen gösterildiği şekilde kart adaptörü ile kullanınız
使用包装附件的金屬轉接卡來安裝你的Mini PCIe短卡 / 使用包装附件的金属转接卡来安装你的Mini PCIe短卡
ハーフサイズのPCIe-カードをご使用の場合、付属されているプレートアダプタをご使用ください / Half-size PCIe 카드는 제공된 플래이트 아답터를 이용하세요

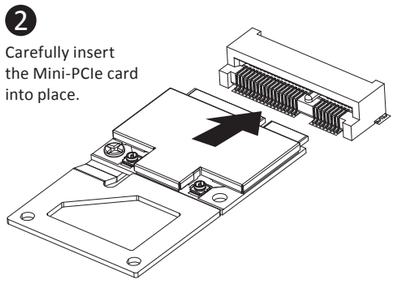
1

Attached the plate adapter provided to your half-size Mini-PCIe card.



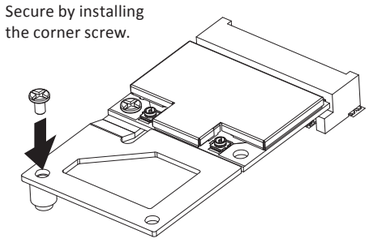
2

Carefully insert the Mini-PCIe card into place.



3

Secure by installing the corner screw.

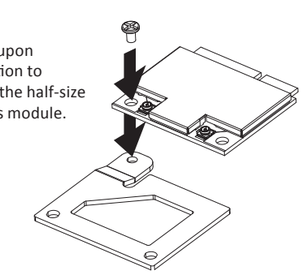


B-2. Optional Wireless Module Installation: How to Safely Install a Half-size Wireless Module

Sicheres installieren eines halben Größe Wireless-Modul / Comment faire pour installer en toute sécurité un module sans fil / Cómo instalar de forma segura un módulo inalámbrico de tamaño reducido
Como instalar em segurança um Módulo Wireless de tamanho reduzido / Come installare con sicurezza un modulo Wireless di dimensioni ridotte / Как безопасно установить малогабаритный модуль беспроводной связи
Jak bezpiecznie zainstalować moduł bezprzewodowy / Yarım boyutlu Kablosuz modül nasıl güvenle kurulur
安装選購的Mini PCIe無線網卡 / 如何安全地安装半高无线模块 / 安全にWiFiモジュールを取り付ける方法 / Half-size 무선 모듈은 안전하게 설치하는 방법

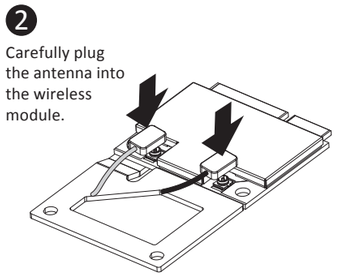
1

Follow upon instruction to extend the half-size wireless module.



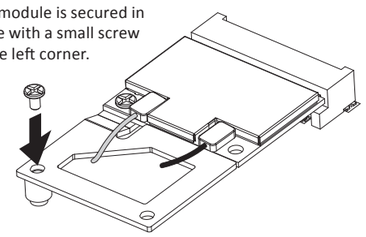
2

Carefully plug the antenna into the wireless module.



3

The module is secured in place with a small screw in the left corner.

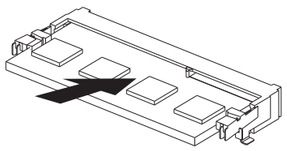


C. Memory Installation : DDR3 Low Voltage (1.35v)

Arbeitsspeicher Installation DDR3 Low Voltage (1,35 V) / Installation de la mémoire DDR3 en basse tension (1.35v) / Instalación de la Memoria DDR3 de bajo voltaje (1.35v)
Instalação da memória DDR3 de Baixa Voltagem (1.35V) / Installazione Memoria DDR3 Low Voltage (1,35V) / Установка модулей ОЗУ DDR3 Low Voltage (1,35 В)
Instalacja pamięci DDR3 nisko napięciowych (1.35V) / Bellek Yerleştirilmesi DDR3 Düşük Voltaj (1.35v)
安装記憶體 / 安装内存 / メモリの増設方法 DDR3L(1.35v) / 메모리 설치 DDR3 Low Voltage (1.35v)

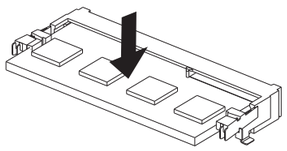
1

Carefully insert SO-DIMM memory modules.



2

Push down until the modules click into place.



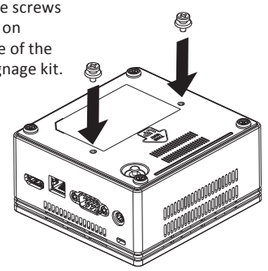
Note: The Digital Signage Kit requires DDR3L SO-DIMM system memory. This is low voltage DDR3 memory that offers great performance at a lower 1.35v.

VESA Bracket

VESA-Halterung / Support VESA / soporte VESA / Suporte VESA / Staffa VESA / Крепление VESA / Uchwyt VESA / VESA Desteği / VESA支架 / VESA支架 / VESA対応ブラケット / VESA 브래킷

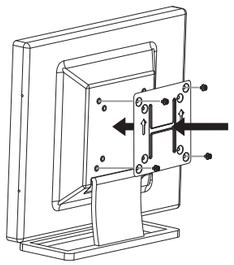
1

Attach the screws provided on underside of the digital signage kit.



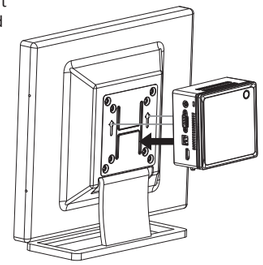
2

Attach the VESA mounting plate to the rear of a compatible display using the screws provided.



3

The digital signage kit can now be mounted by sliding the device into place.



Safety and Regulatory Information

Sicherheitshinweise und Normen / Information sur la Sécurité et Réglementation / Seguridad y Normativa / Informações Regulatórias e de Segurança / Informazioni di Sicurezza e Regolamenti
Меры безопасности и нормативная информация / Bezpieczeństwo i zgodność z przepisami / Güvenlik ve Yasal Bilgiler
安全規範 / 安全规范 / 安全性と規制に関する情報 / 안전 및 규제 정보

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.

Es besteht Explosionsgefahr, wenn die Batterie durch einen falschen Typ ersetzt wird. Batterien müssen recycelt werden, sofern möglich. Gebrauchte Batterien müssen gemäß den örtlichen Umweltschutz-vorschriften entsorgt werden.

Risque d'explosion si la batterie n'est pas dcompatible. Les piles doivent être recyclées quand cela est possible. Le rejet des batteries usagées doit être effectué en fonction des réglementations locales.

Riesgo de explosión si se reemplaza la batería por una incorrecta. Las baterías deben ser reciclados donde sea posible. Eliminación de baterías usadas debe ser de acuerdo con las regulaciones ambientales locales.

IRisco de explosão caso a bateria seja substituída por tipo errado. Baterias devem ser recicladas. O descarte de baterias usadas devem ser feitas em locais de acordo com o regulamento ambiental.

Rischio di esplosione della batteria se sostituita con una non corretta. Le batterie devono essere riciclate dove possibile. Lo smaltimento delle batterie usate deve essere svolto in accordo con la regolamentazi-one locale.

Характеристики батареи отличные от оригинальных могут привести к разрушению корпуса элемента (микровзрыву). Использованные батареи должны быть утилизированы в соответствии с рекомендациями местных регулирующих органов.

Istnieje ryzyko wybuchu, w razie zastosowania nieodpowiedniego typu baterii. Zużyte baterie mogą być odpadami niebezpiecznymi. Zużyte baterie powinny być zatem segregowane i utylizowane w miejscach do tego przeznaczonych.

Yanlış şekilde pil takıldığında patlama tehlikesi bulunmaktadır. Piller mümkün olduğunda geri dönüştürülmelidir. Kullanılmış piller yerel çevresel düzenlemelere uygun olarak atık işleme tesislerine gidecek şekilde atılmalıdır.

若以不正確類型的電池進行更換，可能會有爆炸的危險。應儘可能回收電。應依照當地環保法規棄置使用過的電池。

若以不正確類型的電池進行更換，可能會有爆炸的危險。應儘可能回收電。應依照當地環保法規棄置使用過的電池。

間違ったバッテリーの交換は、破裂など事故の原因になります。可能であればバッテリーはなるべくリサイクルしてください。使用済みバッテリーは地域の環境規制に従い処理してください。

배터리를 잘못된 타입으로 교체하면 폭발 위험이 있습니다. 가능한한 배터리를 재활용하십시오. 수명이 다한 배터리는 현지의 환경 규정에 따라 폐기해야 합니다.

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

Die Nichtbenutzung des mitgelieferten Netzteils Modell GB-TCV könnte eine Einhaltung gesetzlicher Vorschriften nicht mehr gewährleisten und für den Benutzer zu einem Sicherheitsrisiko werden.

Si no se utiliza el adaptador de corriente incluido modelo GB-TCV pueda violar el cumplimiento normativo y puede exponer al usuario a riesgos de seguridad.

O não cumprimento na utilização da fonte de energia modelo GB-TCV incluso, pode violar o regulamento e pode expor o usuário à riscos de segurança.

Il mancato utilizzo della dotazione del modello GB-TCV Power Adapter può violare la conformità normativa e può esporre l'utente a rischi per la sicurezza.

Применение стороннего блока питания отличного от устройства из комплекта поставки модели GB-TCV может повлечь за собой нарушение нормативных требований и правил техники безопасности.

Użycie innego zasilacza niż dostosowany do modelu GB-TCV może spowodować uszkodzenie sprzętu, a także być niebezpieczne dla zdrowia.

Güvenlik Uyarısı: GB-TCV Güç Adaptörünün kullanılmaması kullanıcıya ve cihaza zarar verebilir.

若未使用隨附的GB-TCV型號電源變壓器，可能會違反規範合規性，並讓使用者暴露在危險中。

若不使用随货附赠的GB-TCV型号电源适配器，可能不符合规格，并给用户的人身安全带来危险。

GB-TCVに付属の電源アダプターと電源ケーブルは専用品となります。他の機器で使用しないで下さい、安全上の問題や各種規制違反になる場合がございます。

제공된GB-TCV전원 어댑터를 사용하지 않은 것은 관련 규정을 어긴 것이며 이로인해 안전상의 위험에 노출될 수 있습니다.

此产品符合中国能效标识规范–微型计算器效能等级：1级，属于B类产品类型。典型能耗值:131kWh

根据中华人民共和国国家标准GB 28380-2012(微型计算器能效限定值及能效等级)规范要求，此机型仅适用于产品类型：B类，系统总内存配置容量必须大于2GB(含2GB)。