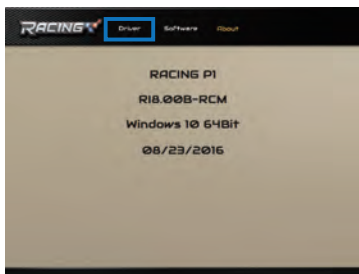


## Driver

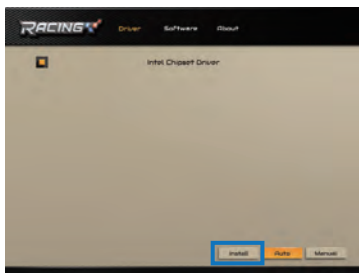
Treiber Pilote Драйвер Conductor ドライバー Driver سائق الكمبيوتر

After you installed your operating system, please insert the Fully Setup Driver DVD into your optical drive and install the driver for better system performance. You will see the following window after you insert the DVD



### Step 1

Click on Driver to start the process of driver installation.



### Step 2

Click on Install and the program will begin to install the proper driver for your system.

The installation program will detect your system to find out the appropriate driver to be installed.



When the driver installation completes, there will be a dialogue appears asking you to restart the system. Please click on YES to restart your computer.

## Installing Software

Installation der Software installation de logiciels  
установка программного обеспечения la instalación de software  
インストールするソフトウェア instalação de software بيثريت جمانرب

## Package Contents

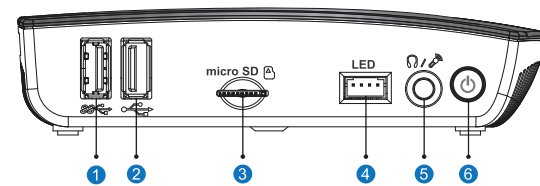
Inhalt der Verpackung Contenu de l'Emballage Комплект поставки  
Contenidos de Paquete パッケージ内容 Conteúdos da Embalagem حزمة المحتويات

- Mini PC x1
- Audio Cable (2 in 1) x1
- Type A Plug x1 (American)
- Type C Plug x1 (EU)
- Power Adaptor x1
- VESA Mounting Kit x1
- Quick Start Guide x1
- DVD Driver x1

## Getting to Know Your System

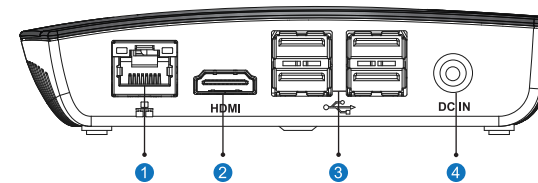
Ihr System Kennen Lernen Connaître votre Système Ознакомление с системой  
Llegar a Conocer Su Sistema システムを知るために Conheça o Seu Sistema  
التعرف على النظام الخاص بك

## Front Panel

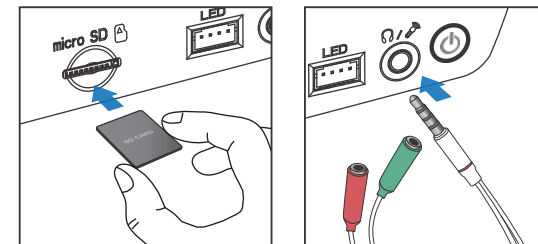


1 USB 3.0 Port 2 USB 2.0 Port 3 SD Card Reader  
4 5V 5050 LED Header 5 Mic\_In / Line\_out 6 Power Button

## Rear Panel



1 RJ-45 2 HDMI Connector 3 USB 2.0 Port x4 4 DC Jack



- Insert the MicroSD card & Audio Cable into your device.
- This audio cable allows users to connect a microphone and earphones.
  - The red jack is a headphone connector.
  - The green jack is a microphone connector.



Make sure the gold side on the memory card is facing down, and that your card is in the correct format, or you could cause some unwanted damage to your phone.

## Racing GT

RACING GT is an easy-to-use program that integrates several BIOSTAR utilities and allows users to configure these utilities simultaneously and seamlessly.

## SYSTEM INFORMATION

This System Information tab provides you an overview of the basic system information.



## Vivid LED DJ

Vivid LED DJ can adjust your color scheme of chassis logo LED and RGB LED Strip.







1. Normal Mode

It balances energy consumption and system performance.
- The color schemes of Normal mode can be adjusted by below setting items.
2. Default

All the setting are back to default.
3. Auto

LEDs will automatically change the color.
4. LED On/Off

Turn on or off the LEDs.
5. Permanent

LEDs are constantly lit.
6. Breath

LEDs gradually flash on and off.
7. Color Palette

Allows to you choose specific color of the LEDs.
8. Shine & Music

LEDs will flash according the music played on your system.
- Please make sure your speaker or earphone is properly connected to audio jack before using RACING GT program.
9. Shine

LEDs flash at a specific frequency.
10. Light/Dark

Allows you to adjust the LED brightness.

## H/W Monitor

The HW Monitor tab allows you to monitor hardware voltage and temperature.



## VESA Bracket (Optional)

VESA-Klammer

Support VESA

Кронштейн VESA

Anaquel de VESA

VESAブラケット

Soporte VESA

VESA حامل

1. The mounting kit has either the VESA 75 mm or 100 mm mounting pattern.

2. Secure the VESA mounting bracket to your monitor with four screws.

3. Locked two screws in mini PC bottom end.

4. Place your mini PC on VESA bracket and make sure the mini PC is hooked by the VESA mounting bracket.



## Warranty Term

| Garantiefrist | Durée de la Garantie                                                                                                                                                                                                                                                                                                                           | Гарантийный срок | plazo de Garantía |
|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------|
| 保証期間          | Término de Garantía                                                                                                                                                                                                                                                                                                                            | شروط الضمان      |                   |
| EN            | ● The system and power adapter (inc. power cord ) are covered by three year warranty period.<br>● The chassis, driver CD , VESA mounting kit (including. screws) and product package are not included in the warranty.<br>● Other terms and conditions shall be subject to regional warranty terms and conditions where the product is bought. |                  |                   |
| DE            | ● Das System und das Netzteil (inkl. Netzkabel ) werden von drei Jahres-Garantie abgedeckt.<br>● Das Chassis, Treiber-CD, VESA-Montagesatz (inkl. Schrauben) und Produktpaket sind nicht in der Garantie enthalten.<br>● Für andere Laufzeiten und Bedingungen gelten die regionalen Garantiebedingungen, wo man das Produkt gekauft hat.      |                  |                   |

- FR

● Le système et l'adaptateur de puissance (incl. du cordon d'alimentation) sont couverts par une période de garantie de trois ans.  
● Le châssis, pilote de CD, kit de montage VESA (incl. vis) et l'emballage du produit ne sont pas inclus dans la garantie.  
● Les autres termes et conditions seront soumis aux termes et conditions régionales d'où le produit est acheté.

- JA

● このシステムとパワーアダプター(パワーコード)の保証期間は3年間です。  
● 筐体、ドライバCD、VESAマウントキット(ネジを含む)、製品パッケージは保証に含まれません。  
● 他の期間と状況については、製品が購入された地域の保証条件に従います

- BP

● O sistema e adaptador de energia (incluindo o cabo de alimentação) são cobertos pelo período de três anos.  
● O chassis, CD driver, kit de montagem VESA (incluindo os parafusos) e embalagem do produto não estão incluídos na garantia.  
● Outros termos e condições serão sujeitas aos termos de garantia regionais onde o produto foi comprado.

- RU

● Система и адаптер питания (включая кабель питания) имеют гарантию три года.  
● Корпус, диск с драйверами, VESA монтажный комплект (включая винты) и комплект поставки не входят в гарантию.  
● Иные сроки и условия подлежат региональным условиям гарантии, где куплено изделие.

- ES

● El sistema y el adaptador de potencia (inc. el cable eléctrico) está cubiertos por el período de 3 año de garantía.  
● El chasis, conductor de CD, Kit de montaje de VESA (tornillos incluido) y el paquete de producto no están incluidos en la garantía.  
● Otros términos y condiciones serán sujetos a términos de garantía regional y condiciones donde comprado el producto.

- AR

● تاوانس ثالث قءمل نامضل ا قءرف نم (رايئل ا قءرءم رايئل)  
● قءاظلا ل وءم و ماظنلا ي طءغو  
● لا يءم ءضمين الءيكل، مءرك الأقراص، عءة ءرايب VESA (بما في ذلك البراغي) وءزمة المءءء في الضمان  
● الاءكام و الشروء الاخرى يجب أن ءخضع لشروء و اءكام الضمان الإقليمية للمنطقة الءي ءم فيها شراء المءءء.

## Safety and Regulatory Information

| Sicherheit und Gesetzliche Vorschriften | Information sur Sécurité et Réglementations |
|-----------------------------------------|---------------------------------------------|
| Безопасность и Нормативная Информация   | Información de Seguridad y Regulador        |
| 安全・規制情報                                 | Informação de Segurança e de Regulamento    |
| السلامة والمعلومات التنظيمية            |                                             |

- ⚠

Risk of explosion if battery is replaced by an incorrect type. Batteries should be recycle where possible. Dispose of used batteries must be in accordance with local environmental regulations.

- ⚠

Explosionsgefahr, wenn die Batterie durch einen falschen Typ ersetzt ist. Batterien sollten wieder verwertet werden, wenn möglich. Verbrauchte Batterien sollen gemäß örtlichen Umweltschutzvorschriften entledigt werden.

- ⚠

Risque d'explosion si la batterie est remplacée par un type incorrect. Les piles doivent être recycler si possible. Se débarrasser des piles usagées doit être en conformité avec les réglementations environnementales.

- ⚠

誤った電池で交換すると電池が爆発する危険があります。なるべくリサイクルしてください。使用済み電池は地域の環境規制に従い処理してください。い。

- ⚠

Risco de explosão se a bateria for substituída por um tipo incorrecto. As baterias devem ser recicladas em locais especializados para o efeito. A eliminação de baterias usadas deve ser realizada de acordo com os regulamentos ambientais locais.

- ⚠

Существует опасность взрыва, если батарея заменена неправильным типом. И использованные батареи должны быть обратно сданы там, где это возможно. Утилизация использованных батарей должна производиться в соответствии с местными правилами окружающей среды.

- ⚠

El riesgo de explosión si la batería estuviera substituida por un tipo incorrecto. Las pilas deberían ser reciclado donde posible. Elimine pilas usadas debería ser conforme a las regulaciones ambientales locales.

- ⚠

خطر الانفجار إذا تم استبدال البطارية بنوع آخر غير صحيح. يجب أن تتم عملية إعادة تدوير البطاريات عند الإمكان. التخلص من البطاريات المستعملة يجب أن يتم وفقا للأنظمة البيئية المحلية.

## Support

| Unterstützung | Soutien | Поддержка | Soporte | 対応 | Assistência | الدعم |
|---------------|---------|-----------|---------|----|-------------|-------|
|---------------|---------|-----------|---------|----|-------------|-------|

- Für Online-Hilfe und Unterstützung, gehen Sie nach:  
<http://www.biostar.com.tw/app/en/support/e-support.php>

● Für die aktuellsten Treiber und BIOS-Aktualisierungen, gehen Sie nach:  
<http://www.biostar.com.tw/app/en/support/download.php>
- Pour de l'aide et le soutien en ligne, allez à:  
<http://www.biostar.com.tw/app/en/support/e-support.php>

● Pour les derniers pilotes et mises à jour du BIOS, allez à:  
<http://www.biostar.com.tw/app/en/support/download.php>

● オンラインヘルプ&サポート：<http://www.biostar.com.tw/app/en/support/e-support.php>

● BIOSやドライバを最新バージョンに更新する場合：  
<http://www.biostar.com.tw/app/en/support/download.php>

● Para ajuda e assistência online, vá a:  
<http://www.biostar.com.tw/app/en/support/e-support.php>

● Para as actualizações de drivers e BIOS mais recentes, vá a:  
<http://www.biostar.com.tw/app/en/support/download.php>

● Для онлайн-помощи и поддержки перейдите по ссылке:  
<http://www.biostar.com.tw/app/en/support/e-support.php>

● Для получения последних версий драйверов и обновлений BIOS перейдите по ссылке:  
<http://www.biostar.com.tw/app/en/support/download.php>

● Para ayuda y apoyo en línea, vaya a:  
<http://www.biostar.com.tw/app/en/support/e-support.php>

● Para los últimos conductores y actualizaciones de BIOS, vaya a:  
<http://www.biostar.com.tw/app/en/support/download.php>

● For online help and support, go to:  
<http://www.biostar.com.tw/app/en/support/e-support.php>

● For the latest drivers and BIOS updates, go to:  
<http://www.biostar.com.tw/app/en/support/download.php>

● للمساعدة والدعم عبر الإنترنت، انتقل إلى  
<http://www.biostar.com.tw/app/en/support/e-support.php>

● للحصول على أحدث تحديثات برامج التشغيل و BIOS، انتقل إلى:  
<http://www.biostar.com.tw/app/en/support/download.php>

## Specifications

| Technische Daten | Caractéristiques | Характеристики | Presupuesto |
|------------------|------------------|----------------|-------------|
| 仕様書              | Especificações   | مواصفات        |             |

|                              |                                                                                                                                            |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| CPU                          | Intel® Atom™ x5-Z8350 Processor (2M Cache, up to 1.92 GHz)                                                                                 |
| MEMORY                       | 4G DDR3L 1600                                                                                                                              |
| NETWORKING                   | LAN: Gigabyte Ethernet<br>Wireless: 802.11 a/b/g/n/ac + Bluetooth 4.0                                                                      |
| AUDIO                        | Realtek ALC5645 / 2Channel                                                                                                                 |
| STORAGE                      | 64GB eMMC Flash                                                                                                                            |
| OS SUPPORT                   | Windows 10(64bit)                                                                                                                          |
| REAR I/O                     | 1x DC jack (5V)<br>4x USB 2.0 Port<br>1x RJ-45 Gigabit Lan Port<br>1x HDMI Port                                                            |
| FRONT I/O                    | 1x USB 2.0 Port<br>1x USB 3.0 Port<br>1x Mic_IN/ Line_Out Combo connector<br>1x SD Card Reader<br>1x 5V 5050 LED Header<br>1x Power Button |
| MOUNTING                     | VESA 75/100 Mount Bracket (Optional)                                                                                                       |
| POWER ADAPTOR INPUT / OUTPUT | AC 100-240V / DC 5V/ 4A                                                                                                                    |
| DIMENSION                    | 130mm (L) x 83mm (W) x 28mm (H)                                                                                                            |

|                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dichiarazione di conformità sintetica<br>Ai sensi dell'art. 2 comma 3 del D.M. 275 del 30/10/2002 Si dichiara che questo prodotto è conforme alle normative vigenti e soddisfa i requisiti essenziali richiesti dalle direttive 2004/108/CE, 2006/95/CE e 1999/05/CE quando ad esso applicabili | Short Declaration of Conformity<br>We declare this product is complying with the laws in force and meeting all the essential requirements as specified by the directives 2004/108/CE, 2006/95/CE and 1999/05/CE whenever these laws may be applied. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FCC ID : I27IZ83APBSR01000<br>This device cpmplies with part 15 of the FCC Rules. Operation is subject to the following two conditions:<br>(1) This device may not cause harmful interference, and<br>(2) this device must accept any interference received. including interference that may cause undesired operation. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## **Federal Communication Commission Interference Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

### **IMPORTANT NOTE:**

#### **FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.