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Visit our multi-language web site at https://www.asus.com/support/
Conventions used in this manual
To highlight key information in this manual, some text are presented as follows:

**IMPORTANT!** This message contains vital information that must be followed to complete a task.

**NOTE:** This message contains additional information and tips that can help complete tasks.

**WARNING!** This message contains important information that must be followed to keep you safe while performing certain tasks and prevent damage to your Single Board Computer’s data and components.

Typography

<table>
<thead>
<tr>
<th>Typographic Style</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bold text</strong></td>
<td>Indicates a menu or an item to select.</td>
</tr>
<tr>
<td><em>Italic</em></td>
<td>This indicates sections that you can refer to in this manual.</td>
</tr>
</tbody>
</table>

Where to find more information
Refer to the following sources for additional information and for product and software updates.

**ASUS Websites**
The ASUS website (https://www.asus.com/) provides updated information on ASUS hardware and software products.

**Optional Documentation**
Your product package may include optional documentation, such as warranty flyers, that may have been added by your dealer. These documents are not part of the standard package.
Product Overview
1.1 Introduction

Tinker Board 2 Series is more than a dream for the DIY-obsessed: it’s a gateway to new ideas and new relationships. Experienced makers will love Tinker Board’s performance-to-price ratio and strong brand heritage, while novices and younger users will appreciate its accessibility and ease of use. But all will come together to create — Together We Make!

1.2 Features

Tinker Board 2 Series features are listed below:

- Ultimate performance for IoT devices
  - Enhanced CPU and GPU performance
  - Rich, future-proof connectivity
- Versatile and safe
  - Expandability for Embedded Solutions
  - Comprehensive protection
- Enhanced experience
  - Easy setup tool
  - IT management software (AICC, FOTA)
  - Support Android 10

1.3 Package contents

Check your package for the following items:

- 1 x Tinker Board 2 or Tinker Board 2S
- 1 x Heatsink*
- 2 x Wi-Fi/Bluetooth antenna cables
- 1 x Shielding bag
- 1 x Quick start guide

* Beware of high temperatures when only using the bundled heatsink.
## 1.4 Product specification

<table>
<thead>
<tr>
<th></th>
<th>Tinker Board 2</th>
<th>Tinker Board 2S</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SoC</strong></td>
<td>Rockchip RK3399 (64-bit)</td>
<td></td>
</tr>
</tbody>
</table>
| **CPU**             | Dual-core Arm® Cortex®-A72 @ 2.0 GHz  
Quad-core Arm® Cortex®-A53 @ 1.5 GHz |                |
| **GPU**             | Arm® Mali™-T860 MP4 GPU @ 800 MHz |                |
| **Display**         | 1 x HDMI™ with CEC hardware ready  
1 x USB Type-C® (DP 1.2)  
1 x 22-pin MIPI DSI (4 lane) supports up to FHD |                |
| **Memory Size**     | Dual-CH LPDDR4 2GB or 4GB | 16GB eMMC |
| **Storage**         | - | Micro SD(TF) card slot (push/pull) |
| **Connectivity**    | RTL8211F-CG GbE LAN  
M.2 - 802.11 a/b/g/n/ac wireless & BT 5.0 (2T2R) |                |
| **Audio**           | 1 x HDMI™ audio output  
1 x S/PDIF TX pin (from GPIO)  
1 x PCM/I2S pins (from GPIO) |                |
| **USB**             | 3 x USB 3.2 Gen 1 Type-A ports  
1 x USB 3.2 Gen 1 Type-C® OTG port |                |
| **Camera Interface**| 1 x 15-pin MIPI CSI-2 (2 lane) |                |
| **Internal Headers**| **1 x 40-pin header includes:**  
- up to 28 x GPIO pins  
- up to 2 x SPI bus  
- up to 2 x I2C bus  
- up to 2 x UART  
- up to 3 x PWM  
- up to 1 x PCM/I2S  
- up to 1 x S/PDIF TX  
- 2 x 5V power pins  
- 2 x 3.3V power pins  
- 8 x ground pins  
1 x 2-pin Recovery header  
1 x 2-pin Power-on header  
1 x 2-pin Reset header  
1 x 2-pin Debug UART header  
1 x 2-pin DC Fan header  
1 x 2-pin RTC Battery header |                |
| **Power Connector (up to 45W)** | 1 x 12~19V DC Power Input Jack (5.5/2.5 mm) |                |
| **Environment**     | Operation Temperature: 0°C ~ 60°C  
Non-operation Temperature: -40°C ~ 85°C  
Non-operation Humidity: 0%~85% (Non-condensing) |                |
| **OS Support**      | Debian 9 / Android 10 |                |
| **Dimension**       | 3.37” x 2.125” (85 x 56 mm) |                |
1.5 Dimensions (mm)

1.6 Block diagram
Product Introduction
2.1 Before you proceed

Take note of the following precautions before you install your Single Board Computer components or change any single board computer settings.

**NOTE:** The diagrams in this chapter are for reference only. The Single Board Computer layout may vary with models.

**IMPORTANT!** Components shown in this section may be purchased separately. Refer to Package contents section for more information about the contents of your Single Board Computer package.

**WARNING!**

- Unplug the power cord from the wall socket before touching any component.
- Before handling components, use a grounded wrist strap or touch a safely grounded object or a metal object, such as the power supply case, to avoid damaging them due to static electricity.
- Hold components by the edges to avoid touching the ICs on them.
- Whenever you uninstall any component, place it on a grounded antistatic pad or in the bag that came with the component.
- Before you install or remove any component, ensure that the power supply is switched off or the power cord is detached from the power supply. Failure to do so may cause severe damage to the single board computer, peripherals, or components.
2.2 Single board Computer layout

Top view

Bottom view

* eMMC is only available on selected models.

<table>
<thead>
<tr>
<th>Layout contents</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. GPIO header</td>
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<td>2. SOC RK3399</td>
<td>13</td>
</tr>
<tr>
<td>3. Debug UART header</td>
<td>13</td>
</tr>
<tr>
<td>4. Reset header</td>
<td>13</td>
</tr>
<tr>
<td>5. MIPI DSI connector</td>
<td>14</td>
</tr>
<tr>
<td>6. DC Fan header</td>
<td>14</td>
</tr>
<tr>
<td>7. Power-on header and Maskrom jumper</td>
<td>15</td>
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<td>8. Status LEDs</td>
<td>15</td>
</tr>
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<td>9. MIPI CSI-2 connector</td>
<td>16</td>
</tr>
<tr>
<td>10. RTC Battery header</td>
<td>16</td>
</tr>
<tr>
<td>11. M.2 Wi-Fi slot</td>
<td>17</td>
</tr>
<tr>
<td>12. Micro SD Card slot</td>
<td>17</td>
</tr>
</tbody>
</table>
1. **GPIO header**

This 40-pin GPIO (General-Purpose Input/Output) header can be designated (in software) as an input or output pin and is used for a wide range of purposes. Of the 40 pins, 28 are GPIO pins (shared with SPI/UART/I2C pins).

![40P_GPIO diagram](image)

**Tinker Board 2 / 2S 40-pins GPIO header**

<table>
<thead>
<tr>
<th>Pin definition</th>
<th>40P GPIO</th>
<th>Pin definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>VCC3.3_IO</td>
<td>1 2</td>
<td>VCC5V</td>
</tr>
<tr>
<td>GPIO2_B1/I2C6_SDA</td>
<td>3 4</td>
<td>GPIO2_C1/UART0_TX</td>
</tr>
<tr>
<td>GPIO2_B2/I2C6_SCL</td>
<td>5 6</td>
<td>GPIO2_C0/UART0_RX</td>
</tr>
<tr>
<td>GPIO0_B0/CLKOUT</td>
<td>7 8</td>
<td>GPIO3_D1/I2S0_SCLK</td>
</tr>
<tr>
<td>GND</td>
<td>9 10</td>
<td>GPIO3_D1/I2S0_SCLK</td>
</tr>
<tr>
<td>GPIO2_C3/UART0_RTSN</td>
<td>11 12</td>
<td>GPIO3_D1/I2S0_SCLK</td>
</tr>
<tr>
<td>GPIO2_C5/SPi5_TXD</td>
<td>13 14</td>
<td>GPIO2_C6/SPi5_CLK</td>
</tr>
<tr>
<td>GPIO2_C4/SPi5_RXD</td>
<td>15 16</td>
<td>GPIO2_C7/SPi5_CSN0</td>
</tr>
<tr>
<td>VCC3.3_IO</td>
<td>17 18</td>
<td>GPIO1_B0/SPi1_TXD/UART4_TX</td>
</tr>
<tr>
<td>GPIO1_A7/SPi1_RXD/UART4_RX</td>
<td>19 20</td>
<td>GPIO0_A6/PWM3A_IR</td>
</tr>
<tr>
<td>GPIO1_B1/SPi1_CLK</td>
<td>21 22</td>
<td>GPIO3_D4/I2S0_SDI1SDO3</td>
</tr>
<tr>
<td>GPIO1_B2/SPi1_CSN0</td>
<td>23 24</td>
<td>GPIO4_B2/SPi1_CSN0</td>
</tr>
<tr>
<td>GND</td>
<td>25 26</td>
<td>GPIO2_B0/SPi1_CSN0</td>
</tr>
<tr>
<td>GPIO3_D6/I2S0_SDI1SDO1</td>
<td>27 28</td>
<td>GPIO4_C2/PWM0</td>
</tr>
<tr>
<td>GPIO3_D5/I2S0_SDI1SDO2</td>
<td>29 30</td>
<td>GPIO3_D3/I2S0_SDI1SDO2</td>
</tr>
<tr>
<td>GPIO4_C6/PWM1</td>
<td>31 32</td>
<td>GPIO3_D1/I2S0_SDI1SDO2</td>
</tr>
<tr>
<td>GPIO3_D1/I2S0_SDI1SDO3</td>
<td>33 34</td>
<td>GPIO3_D1/I2S0_SDI1SDO3</td>
</tr>
<tr>
<td>GPIO3_D1/I2S0_SDI1SDO2</td>
<td>35 36</td>
<td>GPIO3_D1/I2S0_SDI1SDO2</td>
</tr>
<tr>
<td>GPIO4_C5/SPi1_CSN0</td>
<td>37 38</td>
<td>GPIO3_D1/I2S0_SDI1SDO3</td>
</tr>
<tr>
<td>GND</td>
<td>39 40</td>
<td>GPIO3_D1/I2S0_SDI1SDO2</td>
</tr>
</tbody>
</table>

**WARNING!**

- Do not use both the system DC power-in jack and the 40-pin GPIO +5V pins (pin 2 and 4, red) for power input at the same time.
- If you wish to use the 40-pin GPIO +5V (pin 2 and 4, red) as a power input source, please make sure the power input rating for each pin complies with the standard of +5V / 3A (+/-5% deviation). A power rating value that exceeds the rating valued mentioned, or an unstable power source may result in damage to your system or hardware. Please refer to the **Top view** illustration for the location of the pins.
2. **SOC RK3399**
   This ARM® system on a chip (SoC) features the new 64-bit Armv8 architecture and Arm® big.LITTLE™ technology’s 6-core processor, provides improved performance and comes bundled with Arm® Mali®-T860 MP4 GPU.

   ![Tinker Board 2 / 2S SOC RK3399](image)

3. **Debug UART header**
   This Debug UART header provides a separate UART port, allowing developers to use and develop with the serial console without occupying the 40-pin GPIO’s UART ports.

   ![Tinker Board 2 / 2S Debug pin](image)

4. **Reset header**
   The Reset header allows you to connect an external reset button.

   ![Tinker Board 2 / 2S Reset pin](image)
5. **MIPI DSI connector**
The MIPI DSI connector is used to connect a MIPI display module via a 4 lane MIPI-DSI cable. This connector supports up to 6 Gbps connection speed.

![MIPI DSI connector diagram](image)

6. **DC Fan header**
The DC Fan header allows you to connect a fan to actively cool the system.

![DC Fan header diagram](image)

**Connector Type**: JST PH 2P 2.00mm
**Reference PN**: JST, PHR-2

**NOTE**: The fan is purchased separately.

**WARNING!**
- These are not jumpers! Do not place jumper caps on the fan connectors.
- Ensure the cable is fully inserted into the connector.
7. **Power On header**

The Power On header allows you to connect an external power button. The Maskrom jumper allows you to mask the eMMC (rom) for recovery. This will allow you to enter developer mode due to the indetected storage and rewrite the eMMC.

8. **Status LEDs**

The Status LEDs indicate the current status of the Single Board Computer.
9. MIPI CSI connector
The MIPI CSI connector is used to connect a MIPI camera module via a 2 lane MIPI-CSI2 cable. This connector supports up to 3 Gbps connection speed.

![Tinker Board 2 / 2S MIPI CSI diagram]

**WARNING!** Ensure the cable for MIPI CSI is connected in the correct orientation with the gold fingers facing towards the rear of the Single Board Computer.

10. RTC Battery header
The RTC Battery header allows you to connect the lithium battery.

![Tinker Board 2 / 2S RTC connector diagram]

<table>
<thead>
<tr>
<th>Connector Type</th>
<th>WtoB 2P 1.25mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reference PN</td>
<td>ACES, 50276-002H0H1-001</td>
</tr>
</tbody>
</table>
11. **M.2 Wi-Fi Slot (E-Key)**

The M.2 Wi-Fi slot allows you to install an M.2 Wi-Fi module (E-key, type 2230).

**NOTE:** The M.2 Wi-Fi module is purchased separately on selected models.

12. **Micro SD Card slot**

The microSD card slot allows you to install a microSD memory card v2.00 (SDHC) / v3.00 (SDXC) for storage.

**WARNING!** Disconnect all power (including redundant PSUs) from the existing system before you add or remove a memory card, then reboot the system to access the memory card.
2.3 I/O connectors

2.3.1 Left panel

1. DC Power Input Jack
The supplied power adapter converts AC power to DC power for use with this jack (5.5mm/2.5mm). Power supplied through this jack supplies power to the Single Board Computer. To prevent damage to the Single Board Computer, always use the supplied power adapter. Please refer to the table below for the power consumption.

<table>
<thead>
<tr>
<th>Mode</th>
<th>Power (W)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suspend</td>
<td>0.44</td>
</tr>
<tr>
<td>Idle</td>
<td>3.65</td>
</tr>
<tr>
<td>Burn-in*</td>
<td>8.18</td>
</tr>
<tr>
<td>Max. Load**</td>
<td>29.18</td>
</tr>
</tbody>
</table>

* CPU, GPU, RAM, Storage, LAN, etc. stress test.
** e.g. 3 x USB Type-A 5V/0.9A, 1 x USB Type-C® 5V/1.5A, total up to 21W.

2. HDMI™ port
This port is for the HDMI™ (High-Definition Multimedia Interface) connector.
2.3.2 Rear panel

1. **LAN (RJ-45) port**
   The 8-pin RJ-45 LAN port supports a standard Ethernet cable for connection to a local network. Please refer to the table below for the LED indications.

<table>
<thead>
<tr>
<th>Activity Link LED</th>
<th>Description</th>
<th>Speed LED</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off</td>
<td>No link</td>
<td>Off</td>
<td>10 Mbps connection</td>
</tr>
<tr>
<td>Orange</td>
<td>Linked</td>
<td>Orange</td>
<td>100 Mbps connection</td>
</tr>
<tr>
<td>Orange (Blinking)</td>
<td>Data activity</td>
<td>Green</td>
<td>1 Gbps connection</td>
</tr>
</tbody>
</table>
2. **USB 3.2 Gen 1 Type-A port**

   The USB 3.2 Gen 1 (Universal Serial Bus) port provides a transfer rate up to 5 Gbit/s.

3. **USB 3.2 Gen 1 Type-C® OTG port**

   This USB Type-C™ (Universal Serial Bus) port provides a transfer rate of up to 5 Gbit/s.

![USB 3.2 Gen 1 Type-A port diagram]

4. **USB 3.2 Gen 1 Type-A port**

   The USB 3.2 Gen 1 (Universal Serial Bus) port provides a transfer rate up to 5 Gbit/s.

![USB 3.2 Gen 1 Type-C® OTG port diagram]
Software Installation
3.1 Booting from external Micro SD card

**Requirement:**
- 1 x Micro SD card with at least 8GB capacity
- 1 x 12~19V, DC 5.5/2.5 power supply*
- 1 x Monitor with HDMI™ cable or USB Type-C® (DP) cable
- 1 x Keyboard and Mouse set

* The Power Supply is purchased separately.

**Setting Up:**
1. Insert the micro SD card into a Windows® PC.
2. Download the TinkerOS image from the Tinker Board website (https://tinker-board.asus.com/download.html) and burn it into the micro SD card using a third-party ISO software, such as *Etcher*.
3. Insert the bootable micro SD card into your Tinker Board 2 / Tinker Board 2S, then connect the power supply, keyboard, mouse, and monitor to boot up.

3.2 Booting from onboard eMMC (on selected models)

**NOTE:** Booting from the onboard eMMC is only available for Tinker Board 2S models with eMMC.

**Requirement:**
- 1 x USB Type-C® cable with data transfer function
- 1 x 12~19V, DC 5.5/2.5 power supply*
- 1 x Monitor with HDMI™ cable or USB Type-C® (DP) cable
- 1 x Keyboard and Mouse set

* The Power Supply is purchased separately.

**Setting Up:**
1. Connect the Tinker Board 2S to a PC using a USB Type-C® cable.
2. Connect the power adapter to the Tinker Board 2S.
3. Download the TinkerOS image from the Tinker Board website (https://tinker-board.asus.com/download.html) and burn it into the Tinker Board 2S using a third-party ISO software, such as *Etcher*.
4. After the TinkerOS image is successfully burned, disconnect all cables from the Tinker Board 2S.
5. Connect the power supply, keyboard, mouse, and monitor to your Tinker Board 2S to boot up.
Notices

Federal Communications 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 to 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.

WARNING! Any changes or modifications not expressly approved by the grantee of this device could void the user’s authority to operate the equipment.

RF exposure warning
This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

End Product Labeling
This transmitter module is authorized only for use in device where the antenna may be installed such that 20cm may be maintained between the antenna and users. The final end product must be labeled in a visible area with the following:
Contains FCC ID: TX2-RTL8822CE and Contains IC: 6317A-RTL8822CE

Mexico Notice
Contains module RCPRERT18-2159
La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Regional notice for Singapore
This ASUS product complies with IMDA Standards.

HDMI Compliance Statement
The terms HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.
Précautions d'emploi de l'appareil :

a. Soyez particulièrement vigilant quant à votre sécurité lors de l'utilisation de cet appareil dans certains lieux (les avions, les aéroports, les hôpitaux, les stations-service et les garages professionnels).

b. Évitez d'utiliser cet appareil à proximité de dispositifs médicaux implantés. Si vous portez un implant électronique (stimulateurs cardiaques, pompes à insuline, neurostimulateurs…), veuillez impérativement respecter une distance minimale de 15 centimètres entre cet appareil et l’implant pour réduire les risques d'interférence.

c. Utilisez cet appareil dans de bonnes conditions de réception pour minimiser le niveau de rayonnement. Ce n'est pas toujours le cas dans certaines zones ou situations, notamment dans les parkings souterrains, dans les ascenseurs, en train ou en voiture ou tout simplement dans un secteur mal couvert par le réseau.

d. Tenez cet appareil à distance du ventre des femmes enceintes et du bas-ventre des adolescents.

KC: Korea Warning Statement

이 기기는 가정용 방송통신기기로 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

Radio Frequency (RF) Exposure Information

The radiated output power of the Wireless Device is below the Industry Canada (IC) radio frequency exposure limits. The Wireless Device should be used in such a manner such that the potential for human contact during normal operation is minimized.

This device has also been evaluated and shown compliant with the IC RF Exposure limits under mobile exposure conditions. (antennas are greater than 20cm from a person’s body).

Informations concernant l'exposition aux fréquences radio (RF)

La puissance de sortie émise par l'appareil de sans fil est inférieure à la limite d'exposition aux fréquences radio d'Industry Canada (IC). Utilisez l'appareil de sans fil de façon à minimiser les contacts humains lors du fonctionnement normal.

Ce périphérique a également été évalué et démontré conforme aux limites d'exposition aux RF d'IC dans des conditions d'exposition à des appareils mobiles (antennes sont supérieures à 20 cm à partir du corps d'une personne).
**NCC: Taiwan Wireless Statement**
Contains module NCCAI18LP2010T7

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**VCCI: Japan Compliance Statement**
Contains module 201-180775

*Class B ITE*

![VCCI - B](image)

**Contains module 00158-19-04076**

限用物質及其化學符號：

<table>
<thead>
<tr>
<th>單元</th>
<th>限用物質及其化學符號</th>
</tr>
</thead>
<tbody>
<tr>
<td>鉛 (Pb) 汞 (Hg) 鎘 (Cd) 六價鉻 (Cr&lt;sup&gt;+&lt;/sup&gt;6) 多溴聯苯 (PBB) 多溴二苯醚 (PBDE)</td>
<td></td>
</tr>
<tr>
<td>印刷電路板及電子組件</td>
<td></td>
</tr>
<tr>
<td>其他及其配件</td>
<td></td>
</tr>
</tbody>
</table>

備考1. “O”係指該項限用物質之百分比含量未超出百分比含量基準值。
備考2. “-”係指該項限用物質為排除項目。

**Maximum Radio-Frequency Output Table**

<table>
<thead>
<tr>
<th>Function</th>
<th>Frequency</th>
<th>Maximum Output Power (EIRP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WiFi</td>
<td>2412 - 2472 MHz</td>
<td>19 dBm</td>
</tr>
<tr>
<td></td>
<td>5150 - 5350 MHz</td>
<td>22 dBm</td>
</tr>
<tr>
<td></td>
<td>5470 - 5725 MHz</td>
<td>22 dBm</td>
</tr>
<tr>
<td></td>
<td>5725 - 5850 MHz</td>
<td>22 dBm</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>2402 - 2480 MHz</td>
<td>8 dBm</td>
</tr>
</tbody>
</table>
ASUSTek Computer Inc. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. Full text of EU declaration of conformity is available at https://www.asus.com/support/
The simplified EU Declaration of Conformity for Single Board Computer.

ASUSTek Computer Inc. hereby declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

The full text of the EU Declaration of Conformity is available at: https://www.asus.com/support/
ประกาศเกี่ยวกับความสอดคล้องของสหภาพยุโรปแบบย่อ
ASUSTek Computer Inc. ขอประกาศในที่นี้ว่าอุปกรณ์นี้มีความสอดคล้องกับความต้องการที่จำเป็นและเงื่อนไขที่กำหนดดังในบทบัญญัติกำหนด 2014/53/EU เนื่องจากที่สมบูรณ์ของประกาศมีความสอดคล้องกับ EU มีอยู่ที่ https://www.asus.com/support/

Basitleştirilmiş AB Uyumluluk Bildirimi

Спрощена декларація про відповідність нормам ЄС
ASUSTek Computer Inc. заявляє, що цей пристрій відповідає основним вимогам та іншим відповідним вимогам Директиви 2014/53/EU. Повний текст декларації відповідності нормам ЄС доступний на https://www.asus.com/support/

<table>
<thead>
<tr>
<th>AT</th>
<th>BE</th>
<th>BG</th>
<th>CZ</th>
<th>DK</th>
<th>EE</th>
<th>FR</th>
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</thead>
<tbody>
<tr>
<td>DE</td>
<td>IS</td>
<td>IE</td>
<td>IT</td>
<td>GR</td>
<td>ES</td>
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<tr>
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<td>LT</td>
<td>LU</td>
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<td>MT</td>
<td>NL</td>
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<tr>
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<td>PT</td>
<td>RO</td>
<td>SI</td>
<td>SK</td>
<td>TR</td>
</tr>
<tr>
<td>FI</td>
<td>SE</td>
<td>CH</td>
<td>UK</td>
<td>HR</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Responsible Party: Asus Computer International
Address: 48720 Kato Rd, Fremont, CA 94538
Phone/Fax No: (510)739-3777/(510)608-4555

hereby declares that the product

Product Name: MOTHERBOARD
Model Number: TINKER BOARD 2, TINKER BOARD 2S

compliance statement:

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