



Designed and distributed by
Raspberry Pi Ltd
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CB4 0DS
United Kingdom

EN SAFETY INSTRUCTIONS

- Este produto não deve ser usado em overclock.
- Não exponha este produto à água ou à umidade, e não o coloque em uma superfície condutora durante a operação.
- Não exponha este produto ao calor de qualquer fonte; Ele é projetado para operação confiável à temperatura ambiente.
- Não exponha a placa a fontes de luz de alta

intensidade (por exemplo, flash xenon ou laser).

- Opere este produto em um ambiente bem ventilado e não o cubra durante o uso.
- Coloque este produto em uma superfície estável, plana e não condutora durante o uso, e não deixe que entre em contato com dispositivos que conduzem eletricidade.
- Tome cuidado ao manusear este produto para evitar danos mecânicos ou elétricos à placa de circuito impresso e aos conectores.
- Evite manusear este produto enquanto estiver ligado. Somente manuseie pelas bordas (laterais) para minimizar o risco de dano por descarga eletrostática.
- Qualquer periférico ou equipamento usado com o Raspberry Pi deve cumprir os padrões de fabricação e uso relevantes para o país e assim garantir que os requisitos de segurança e desempenho sejam atendidos.

Para todos os certificados conformidade e números, visite **pip.raspberrypi.com**

RU ПРАВИЛА ТЕХНИКИ БЕЗОПАСНОСТИ

ВАЖНО: СОХРАНИТЕ ЭТУ ИНФОРМАЦИЮ ДЛЯ БУДУЩЕГО ИСПОЛЬЗОВАНИЯ

ВНИМАНИЕ!

- Любой внешний источник питания, используемый с Raspberrу Pi, должен соответствовать соответствующим нормам и стандартам, применяемым в стране предполагаемого использования. Источник питания должен обеспечивать 5 В постоянного тока и минимальный номинальный ток 2.5 А.

ИНСТРУКЦИИ ПО БЕЗОПАСНОМУ ИСПОЛЬЗОВАНИЮ

- Этот продукт не должен использоваться вопреки нормативам производителя.
- Не подвергайте этот продукт воздействию воды или влаги и не размещайте его на проводящей поверхности во время работы.
- Не подвергайте этот продукт воздействию тепла из любого источника; он предназначен для надежной работы при нормальной комнатной температуре.
- Не подвергайте плату воздействию источников света высокой интенсивности (например, ксеноновая вспышка или лазер).
- Эксплуатируйте этот продукт в хорошо проветриваемой среде и не накрывайте его во время использования.
- Поместите этот продукт на устойчивую, плоскую, непроводящую поверхность во время использования и не позволяйте ему контактировать с проводящими изделиями.
- Соблюдайте осторожность при обращении с этим продуктом, чтобы избежать механического или электрического повреждения печатной платы и разъемов.
- Избегайте обращения с этим продуктом во время его питания. Используйте только края, чтобы свести к минимуму риск повреждения электростатического разряда.
- Любое периферийное устройство или оборудование, используемое с Raspberrу Pi, должно соответствовать соответствующим стандартам для страны использования и быть соответствующим образом маркировано для обеспечения соблюдения требований безопасности и производительности.

Для всех сертификатов соответствия и номеров, пожалуйста, посетите **pip.raspberrypi.com**

ES INSTRUCCIONES DE SEGURIDAD

IMPORTANTE: POR FAVOR CONSERVE ESTA INFORMACIÓN PARA FUTURA REFERENCIA

ADVERTENCIAS

- Cualquier fuente de alimentación externa utilizada con la Raspberry Pi deberá cumplir con las correspondientes regulaciones y normas aplicables en el país de uso previsto. La fuente de alimentación debe proporcionar 5V DC у una corriente nominal mínima de 2.5A.

INSTRUCCIONES PARA UN USO SEGURO

- Este producto no debe ser usado con una frecuencia de reloj superior a la nominal. (No se debe overlockear).

- No esponga este producto al agua o a la humedad, y no lo coloque sobre una superficie conductora mientras está en funcionamiento.
- No esponga este producto a ningún tipo de fuente de calor; está diseñado para un funcionamiento fiable a temperatura ambiente normal.
- No esponga la placa a fuentes de luz de alta intensidad (por ejemplo, flash de xenón o láser).
- Utilice este producto en un ambiente bien ventilado, y no lo cubra durante el uso.
- Coloque este producto sobre una superficie estable, plana y no conductora mientras esté en uso, y no permita que entre en contacto con elementos conductores.
- Tenga cuidado al manipular este producto para evitar daños mecánicos o eléctricos en la placa de circuito impreso y en los conectores.
- Evite manipular este producto mientras está encendido. Sujételo solo por los bordes para minimizar el riesgo de daños por descargas electrostáticas.
- Cualquier periférico o equipo utilizado con la Raspberry Pi debe cumplir con las normas aplicables en el país de uso y debe estar marcado en consecuencia para garantizar que se cumplen los requisitos de seguridad y rendimiento.

Para obtener todos los certificados de conformidad y sus números de registro, visite **pip.raspberrypi.com**

SV SÄKERHETS INSTRUKTIONER

VIKTIGT: BEHÅLL DENNA INFORMATION FÖR FRAMTIDA REFERENS

VARNINGAR

- Alla externa strömförsörjningar som används med Raspberry Pi måste uppfylla alla tillämpliga regler och standarder i det land där de används. Strömförsörjningen måste tillhandahålla 5 VDC och ha en lägsta märkström på 2.5 А.

INSTRUKTIONER FÖR SÄKER ANVÄNDNING

- Produkten bör inte överklockas.
- Utsätt inte produkten för vatten eller fukt, och placera den inte på en ledande yta medan den är i drift.
- Utsätt inte produkten för värme från någon värmekälla. Den är utformad för tillförlitlig drift vid normal rumstemperatur.
- Utsätt inte kortet för ljuskällor med hög intensitet (t.ex. xenon-blixt eller laser).
- Använd produkten i en väl ventilerad miljö, och täck inte över den vid användning.
- Placera produkten på en stabil, isolerad yta vid användning, och låt den inte komma i kontakt med ledande föremål.
- Var försiktig när du hanterar produkten för att undvika mekaniska eller elektriska skador på kretskortet och kontakterna.
- Undvik att hantera produkten med strömmen på. Håll den endast i kanterna för att undvika elektrostatiska urladdningar.
- Eventuell kringutrustning och utrustning som används med Raspberry Pi måste uppfylla relevanta standarder i det land där den används, och den bör märkas så att säkerhets- och prestandakraven uppfylls.

Besök **pip.raspberrypi.com**, för alla certifikat och nummer om överensstämmelse.

EUROPEAN UNION

RADIO EQUIPMENT DIRECTIVE (2014/53/EU) DECLARATION OF CONFORMITY (DOC)

We, Raspberry Pi Ltd, Maurice Wilkes Building, Cowley Road, Cambridge, CB4 0DS, United Kingdom, Declare under our sole responsibility that the product: Raspberry Pi 3A+ to which this declaration relates is in conformity with the essential requirements and other relevant requirements of the Radio Equipment Directive (2014/53/EU).

The product is in conformity with the following standards and/or other normative documents:
SAFETY (art 3.1.a): **EN 62368-1: 2018 and EN 62311: 2008**
EMC (art 3.1.b): **EN 301 489-1 V2.2.3: 2019 / EN 301 489-17 Ver. 3.1.1 (assessed in conjunction with ITE standards EN 55032 and EN 55024 as Class B equipment) SPECTRUM** (art 3. 2): **EN 300 328 V2.2.2: 2019**, 301 893 V2.1.1: 2017.

In accordance with Article 10.8 of the Radio Equipment Directive:
The device 'Raspberry Pi 3 Model A+' operates in compliance with harmonised standard EN 300 328 v2.2.2 and transeives within

the frequency band 2,400 MHz to 2,483.5 MHz and, as per Clause 4.3.2.2 for wideband modulation type equipment, operates at a maximum e.i.r.p. of 20dBm.

The Raspberry Pi 3 Model A+ also operates in compliance with harmonised standard EN 301 893 V2.1.1 and transeives within the frequency bands 5150-5250MHz, 5250-5350MHz, and 5470-5725MHz and, as per Clause 4.2.3.2 for wideband modulation type equipment, operates at a maximum e.i.r.p. of 23dBm (5150-5350MHz) and 30dBm (5450-5725MHz).

In accordance with Article 10.10 of the Radio Equipment Directive, and as per below list of country codes, the operating bands 5150-5350MHz are strictly for indoor usage only.

BE	BG		CZ	DK
DE	EE		IE	EL
ES	FR	HR	IT	CY
LV	LT	LU	HU	MT
NL	AT	PL	PT	RO
SI	SK	FI	SE	UK

The Raspberry Pi complies with the relevant provisions of the RoHS Directive for the European Union.

WEEE DIRECTIVE STATEMENT FOR THE EUROPEAN UNION

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

NOTE

A full online copy of this Declaration can be found at **pip.raspberrypi.com**

CHINA

Raspberry Pi 3 Model A+ CMIIT ID: 2019AJ11701

FCC

Raspberry Pi 3 Model A+ **FCC ID: 2ABCB-RPI3AP**

This device complies with Part 15 of FCC Rules, Operation is Subject to following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received including interference that may cause undesired operation.

CAUTION

Any changes or modifications to the equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. This equipment has been tested and found to comply within 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:

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

For product available in the USA/Canada market, only channel 1–11 can be operated and these channel assignments deal with only the 2.4GHz range.

This device and its antenna(s) must not be co-located or operated in conjunction with any other antenna or transmitter except in accordance with FCC's

multi-transmitter procedures. This device is going to be operated in 5.15–5.25GHz frequency range, it is restricted in indoor environment only.

IMPORTANT NOTE

FCC Radiation Exposure Statement; This appliance and its antenna must not be co-located or operated in conjunction with any other antenna or transmitter. A minimum separation distance of 20cm must be maintained between the antenna and the person for this appliance to satisfy the RF exposure requirements.

This Raspberry Pi product is certified for usage as a Single Module under the requirements of 15.212. The integration of this module into end products is subject to the following requirements:

USER MANUAL OF THE END PRODUCT

In the user's manual of the end of product, the end user has to be informed:

- To keep at least 20cm separation with the antenna while this end product is installed and operated.
- That the FCC radio-frequency exposure guidelines for an uncontrolled environment can be satisfied.
- That any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment.
- That, if the size of the end product is smaller than 8×10cm, then additional FCC part15.19 statement is required to be available in the user's manual.

This device complies with Part 15 of FCC Rules, Operation is Subject to following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received including interference that may cause undesired operation.

CAUTION

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

LABEL OF THE END PRODUCT

The final end product must be labelled in a visible area with the following " **Contains TX FCC ID: 2ABCB-RPI3AP**". If the size of the end product is larger than 8×10cm, then the following FCC part 15.19 statement has to also be available on the label: This device complies with Part 15 of FCC rules.

Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

ISED

Raspberry Pi 3 Model A+ **IC: 20953-RPI3AP**

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

- This device may not cause interference.
- This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- L'appareil ne doit pas produire de brouillage.
- L'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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

Pour les produits disponibles aux États-Unis / Canada du marché, seul le canal 1 à 11 peuvent être exploités. Sélection d'autres canaux n'est pas possible.

This device and its antenna(s) must not be co-located with any other transmitters except in accordance with IC multi-transmitter product procedures. Referring to the multi-transmitter policy, multiple-transmitter(s) and module(s) can be operated simultaneously without reassessment permissive change.

Cet appareil et son antenne (s) ne doit pas être co-localisés ou fonctionnement en association avec une autre antenne ou transmetteur.

This radio transmitter has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio (IC: 20953-RPI3AP) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

Dynamic Frequency Selection (DFS) for devices operating in the bands 5250- 5350 MHz, 5470-5600 MHz and 5650-5725 MHz.

Selection dynamique de fréquences (DFS) pour les dispositifs fonctionnant dans les bandes 5250-5350 MHz, 5470-5600 MHz et 5650-5725 MHz.

The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

Les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

The maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit.

Le gain maximal d'antenne permis pour les dispositifs utilisant lesbandes 5250-5350 MHz et 5470-5725 MHz doit se conformer à la limite de p.i.r.e.

The maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits specified for point-to-point and non-point-to-point operation as appropriate.

Le gain maximal d'antenne permis (pour les dispositifs utilisant la bande 5725-5850 MHz) doit se conformer à la limite de p.i.r.e. spécifiée pour l'exploitation point à point et non point à point, selon le cas. For indoor use only. Pour une utilisation en intérieur uniquement.

IMPORTANT NOTE

IC RADIATION EXPOSURE STATEMENT
This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

IMPORTANT NOTE

This module is intended for OEM integrator. The OEM integrator is responsible for the compliance to all the rules that apply to the product into which this certified RF module is integrated.

Additional testing and certification may be necessary when multiple modules are used. Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment.

USERS MANUAL OF THE END PRODUCT

In the user's manual of the end product, the end user has to be informed to keep at least 20cm separation with the antenna while this end product is installed and operated. The end user has to be informed that the IC radio-frequency exposure guidelines for an uncontrolled environment can be satisfied.

The end user has to also be informed that any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment.

Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

LABEL OF THE END PRODUCT

The final end product must be labelled in a visible area with the following " **Contains IC: 20953-RPI3AP**". The Host Model Number (HMN) must be indicated at any location on the exterior of the end product or product packaging or product literature which shall be available with the end product or online.

AUSTRALIA AND NEW ZEALAND

CLASS B EMISSIONS COMPLIANCE STATEMENT

WARNING

This is a Class B product. In a domestic environment this product may cause radio

interference in which case the user may be required to take adequate measures.

BRAZIL

Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados. Este produto está homologado pela Anatel, de acordo com os procedimentos regulamentados pela Resolução n°242/2000 e atende aos requisitos técnicos aplicados, incluindo os limites de exposição da Taxa de Absorção Específica referente a campos elétricos, magnéticos e eletromagnéticos de radiofrequência, de acordo com as Resoluções n° 303/2002 e 533/2009.

MEXICO

La operación de este equipo está sujeta a las siguientes dos condiciones:

- Es posible que este equipo o dispositivo no cause interferencia perjudicial.
- Este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Este equipo esta diseñado para operar con las antenas que enseguida se enlistan y para una ganacia máxima de 3.5 dBi. El uso de Antenas con este equipo no incluidas en esta lista o que tengan una ganancia mayor a 3.5 dBi quedan PROHIBIDAS.

TAIWAN

根據NCC低功率電波輻射性電機管理辦法 規定：
第十二條
經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。
第十四條
低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

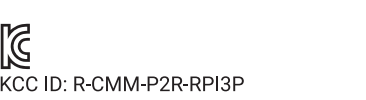
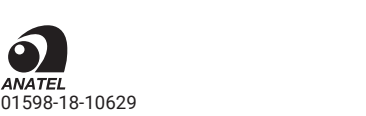
應避免影響附近雷達系統之操作。
高增益指向性天線只應應用於固定式點對點系統。



ICASA TA-2018/3036 APPROVED



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